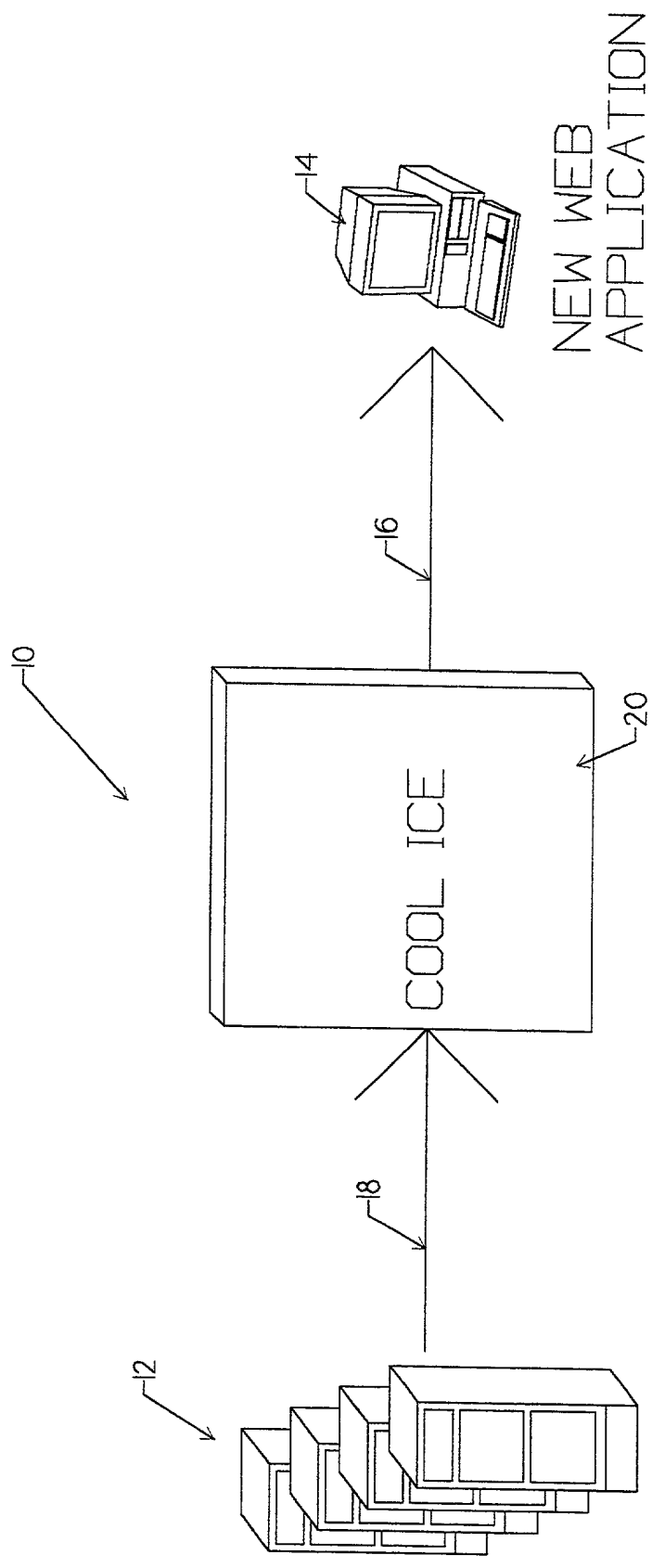


FIG. 1 is a block diagram of a system 10 for providing a new web application 14 to a user 12. The system 10 includes a database and application layer 12, a cooling layer 16, and a new web application layer 14. The database and application layer 12 is connected to the cooling layer 16, which is connected to the new web application layer 14. The cooling layer 16 is labeled "COOL ICE".



EXISTING
DATABASES AND
APPLICATIONS

FIG. 1

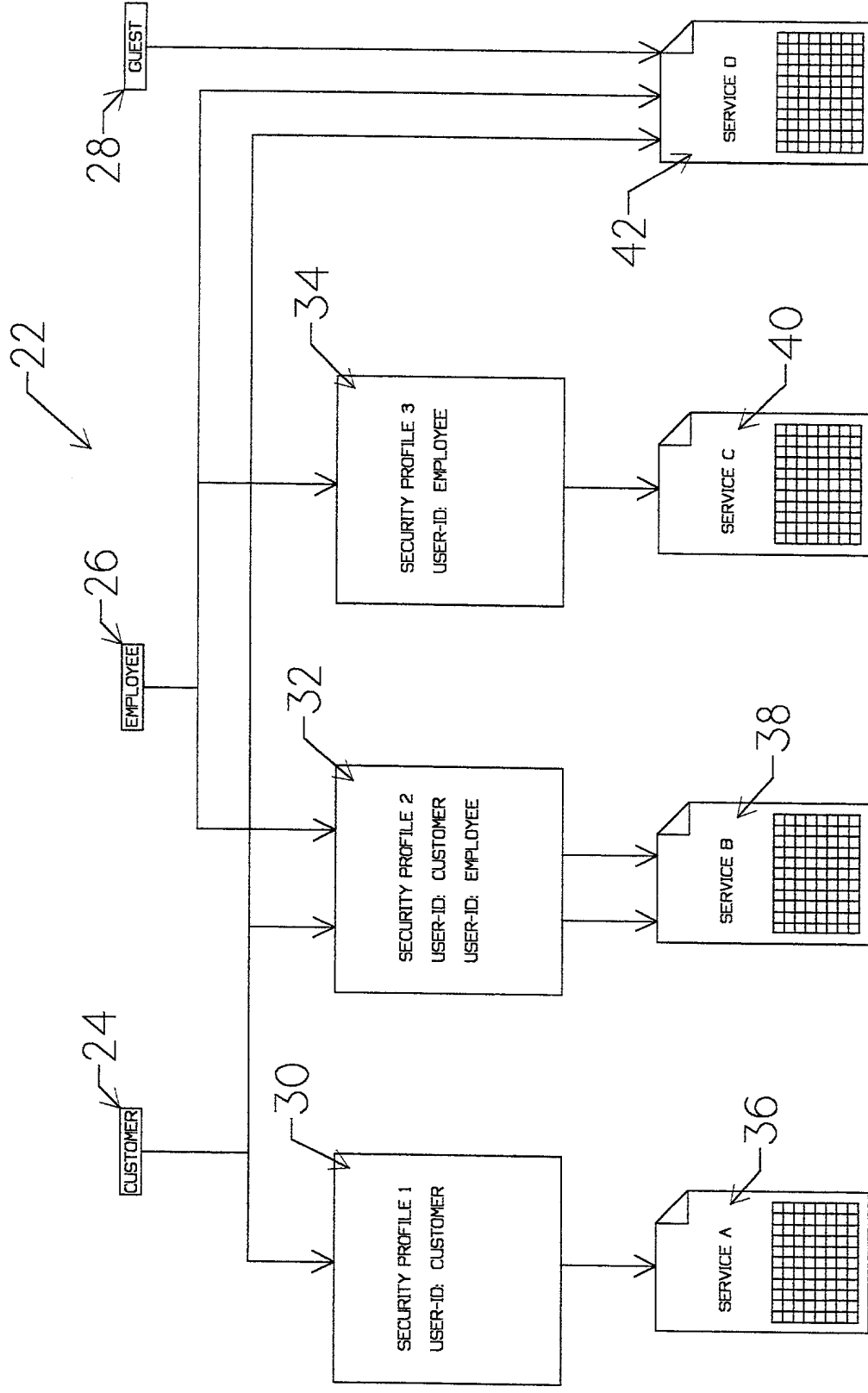


FIG. 2

FIG. 3 is a block diagram of a network system 44. The network system 44 includes a client 46, a web server 50, an enterprise server 54, and a departmental server 58. The client 46 is connected to the web server 50 via a network 48. The web server 50 is connected to the enterprise server 54 via a network 52. The enterprise server 54 is connected to a database 56. The departmental server 58 is connected to a database 60.

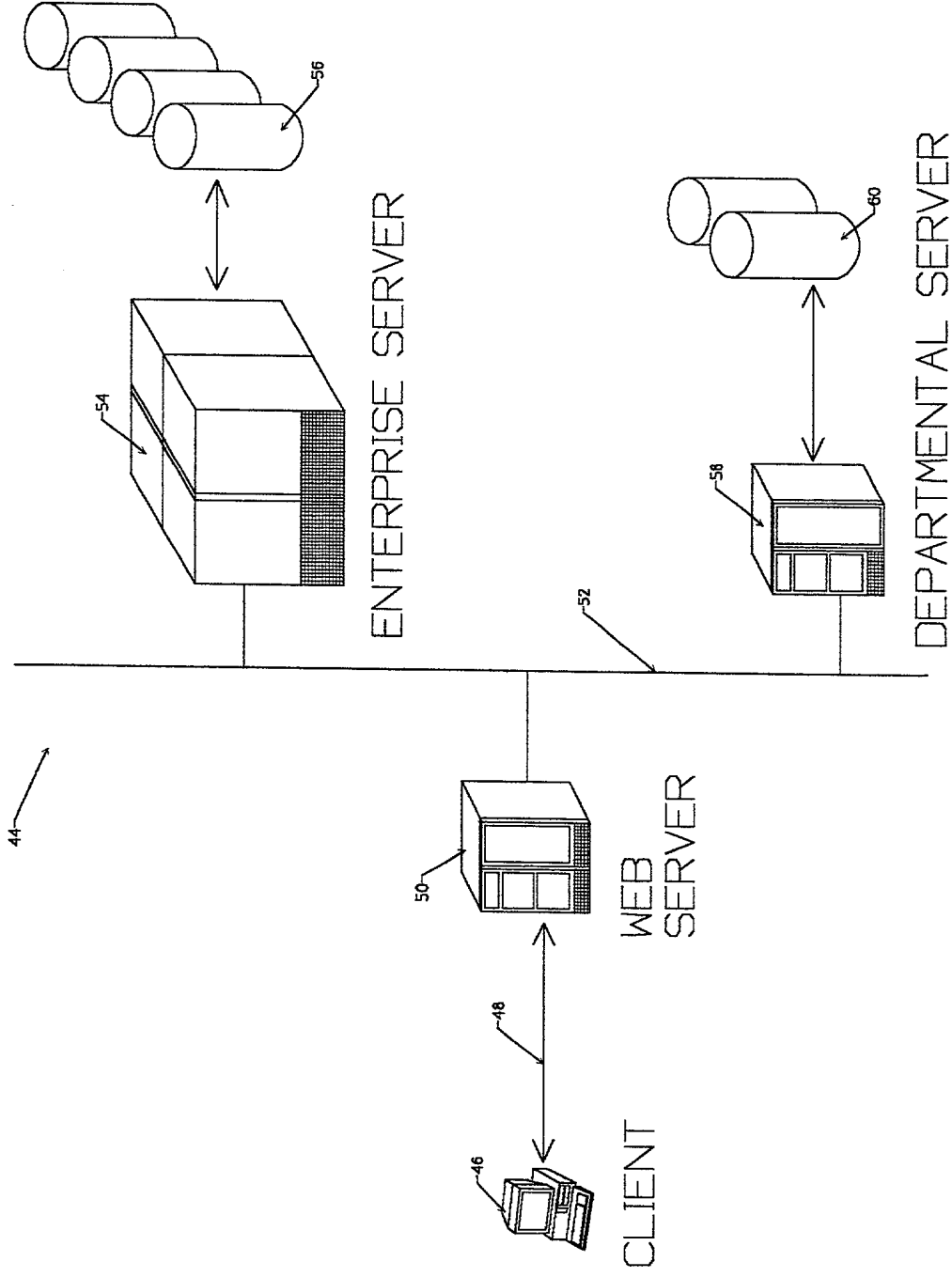


FIG. 3

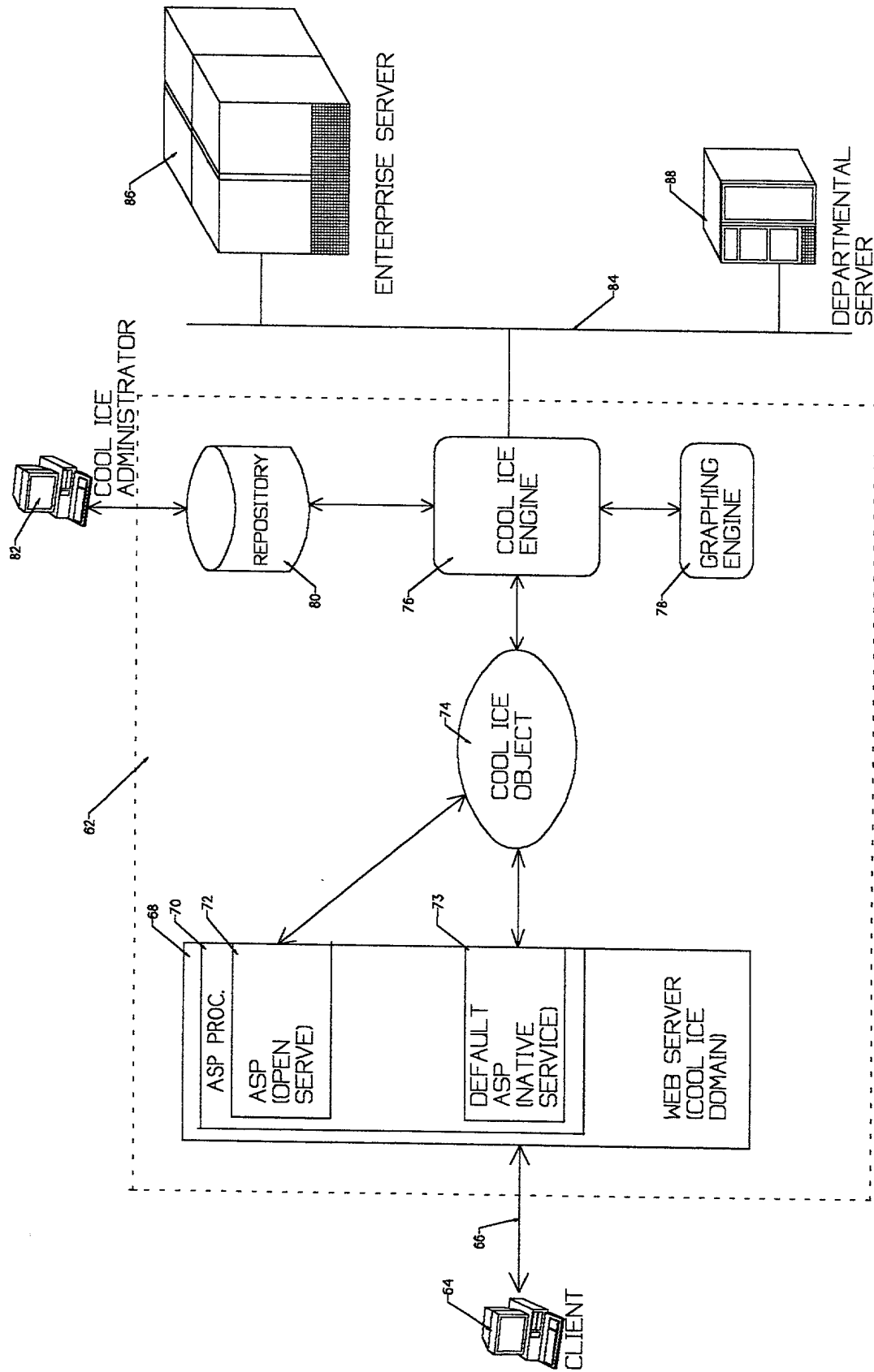


FIG. 4

FIG. 5 is a block diagram of a Cool ICE system architecture.

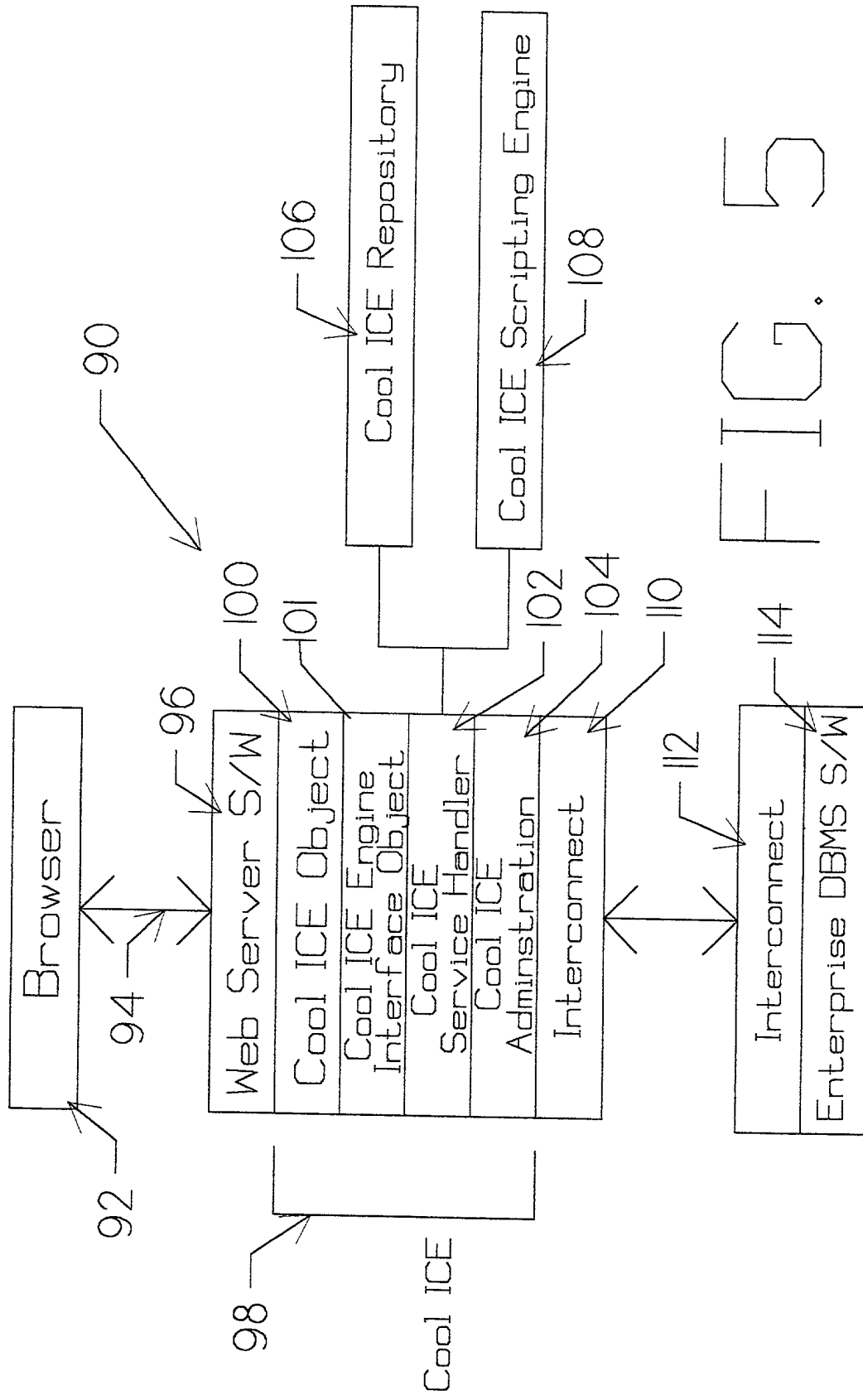


FIG. 5

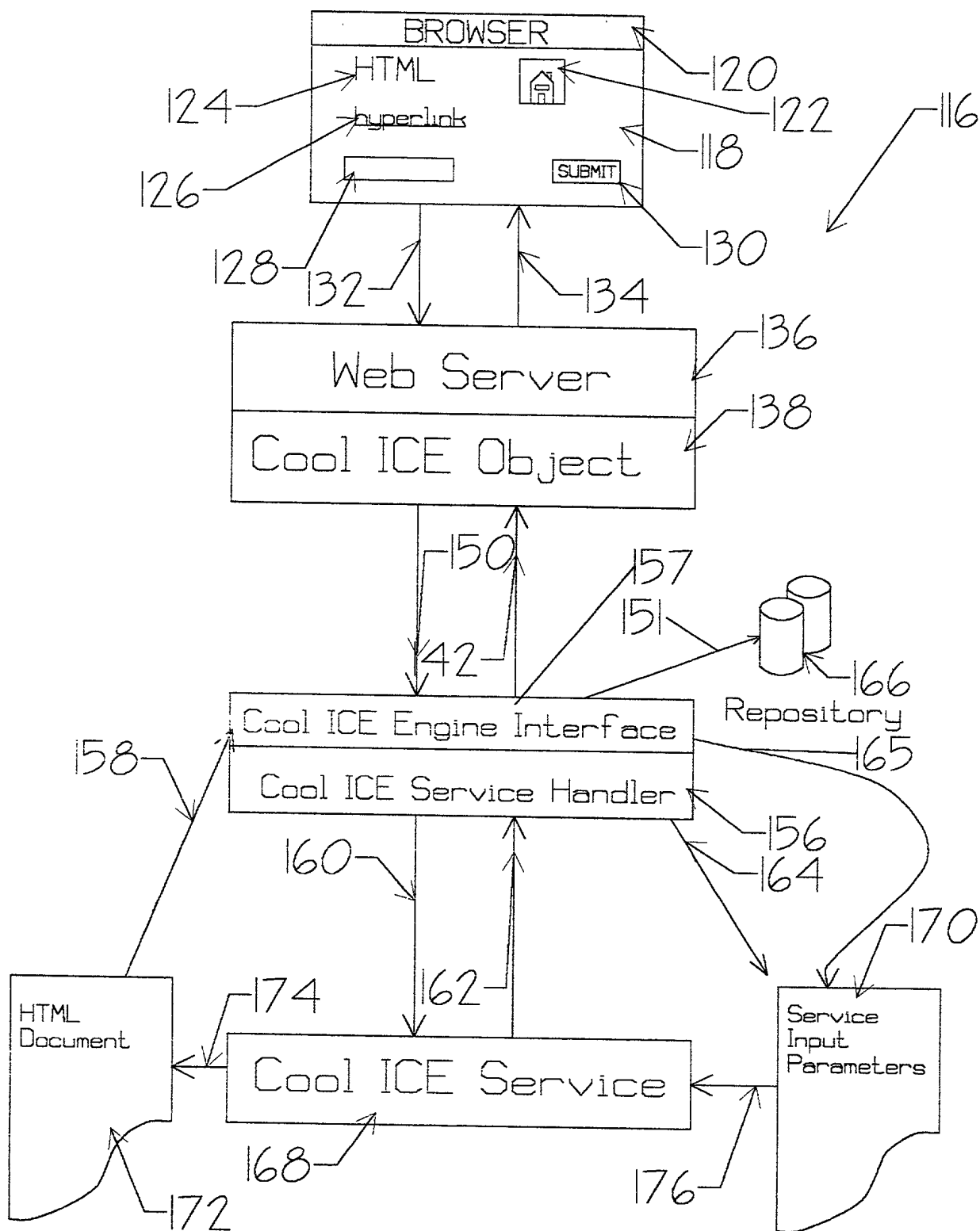


FIG. 6

FIG. 7 is a diagram of a system architecture for a web browser and an HTML author. The system includes a browser (200) and an HTML author (180). The browser (200) displays a web page (202) with a title "Cool Ice" and a waveform (204). The HTML author (180) displays a form (182) with a title "HTML hyperlink" and a "SUBMIT" button. The browser (200) sends data (206) to the HTML author (180). The HTML author (180) sends data (184) to the browser (200). The browser (200) also sends data (198) to a services module (188). The services module (188) contains a category (190) and three services (192, 194, 196). The services module (188) sends data (186) to the browser (200).

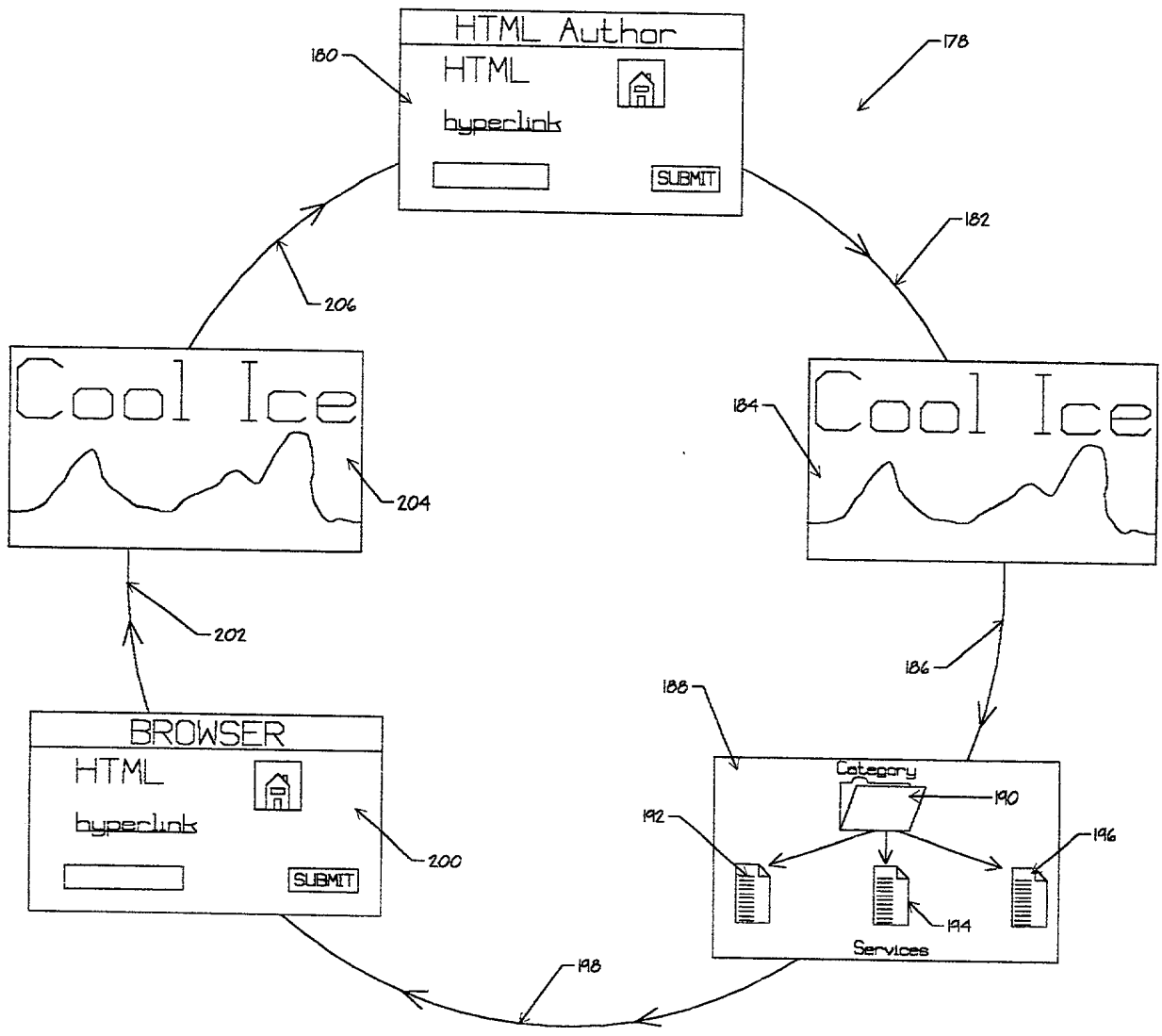


FIG. 7

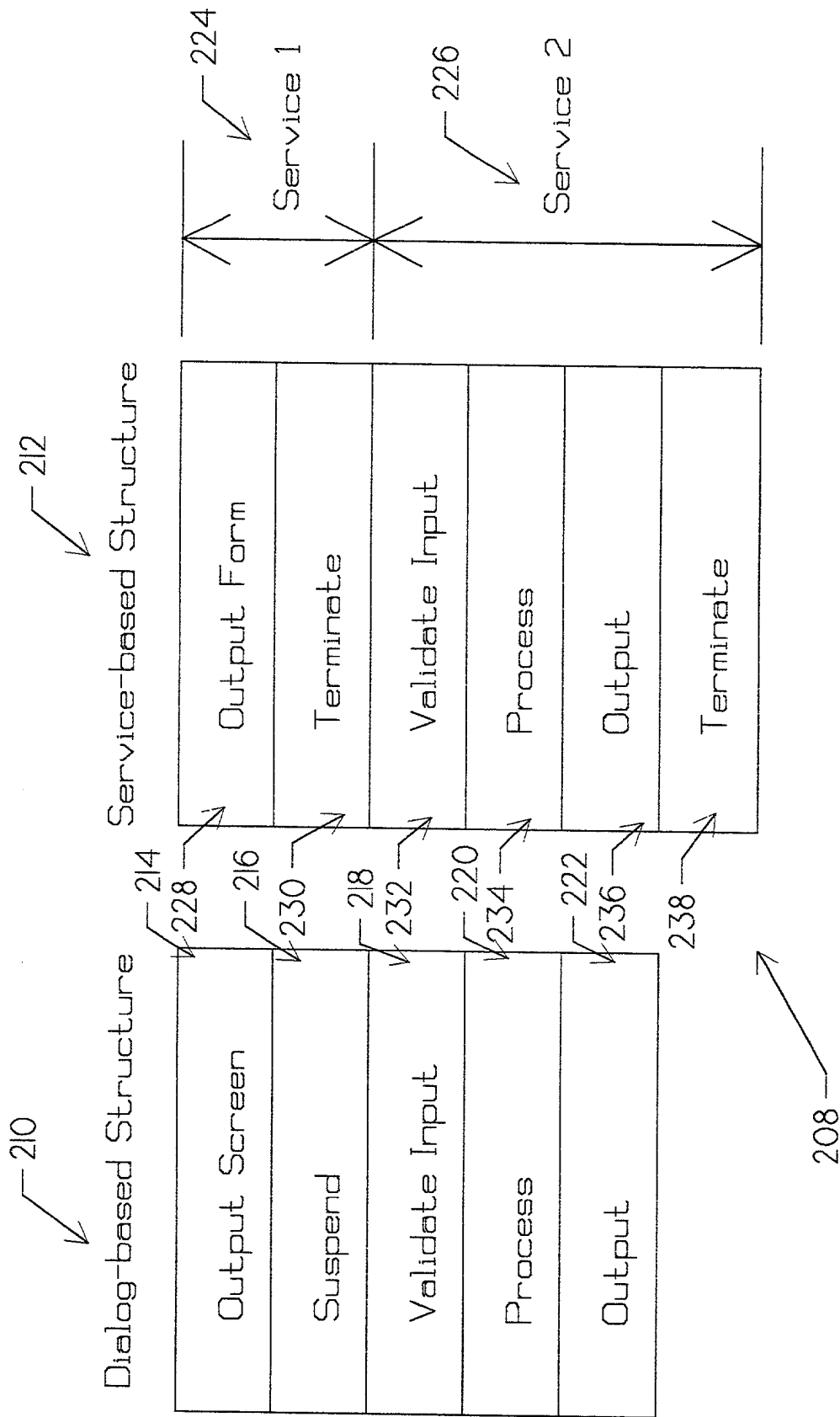


FIG. 8

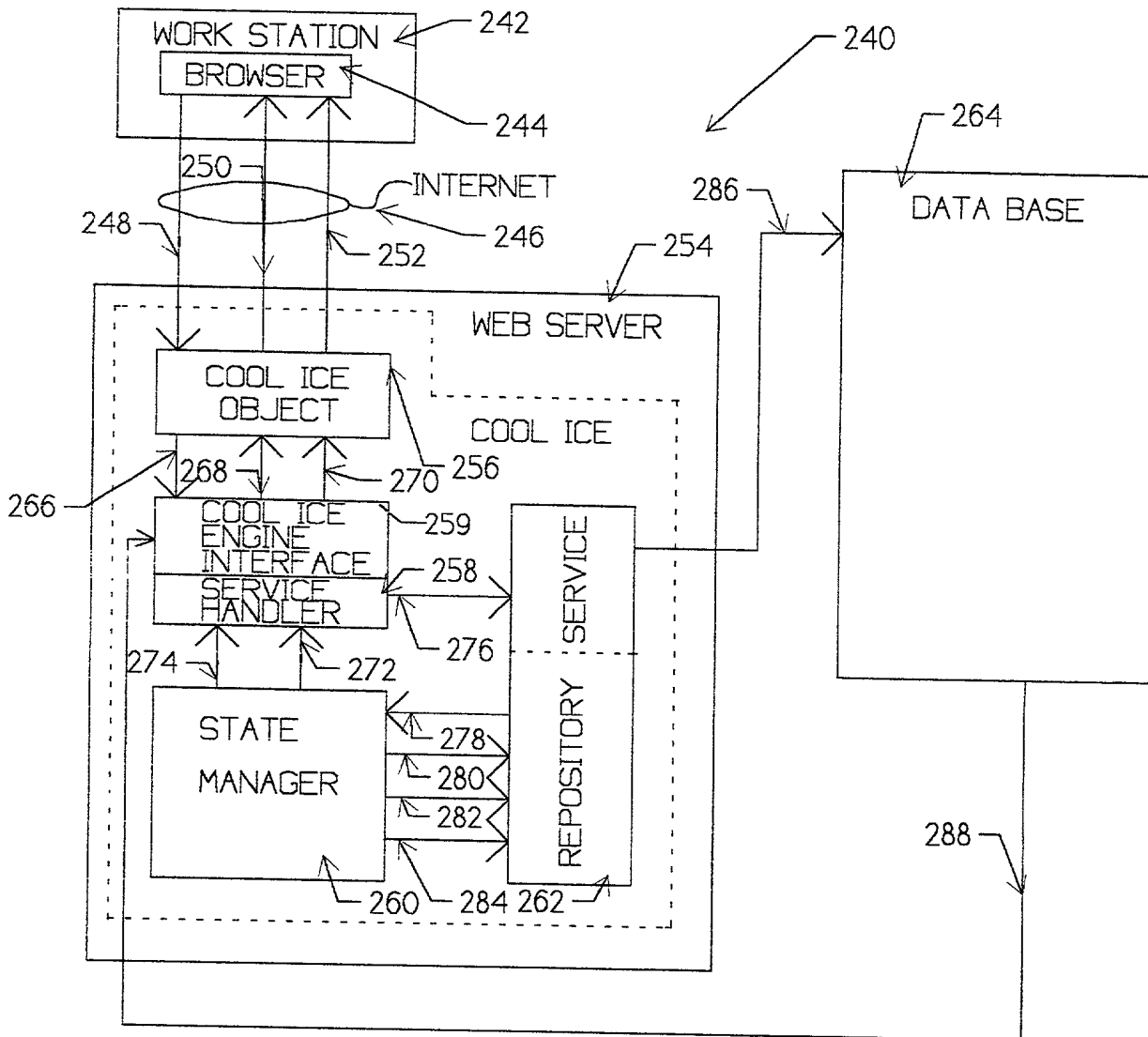


FIG. 9

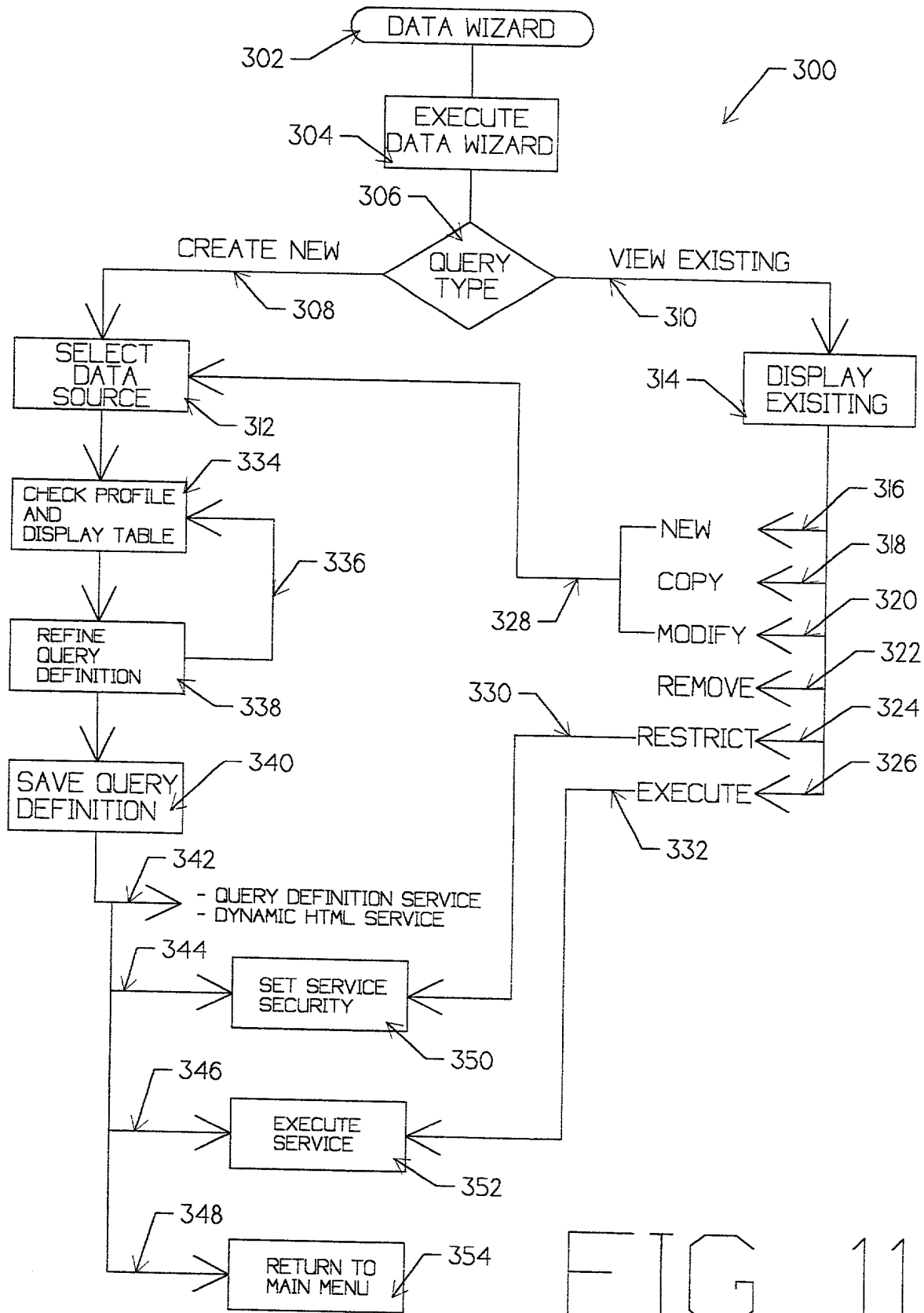


FIG. 11

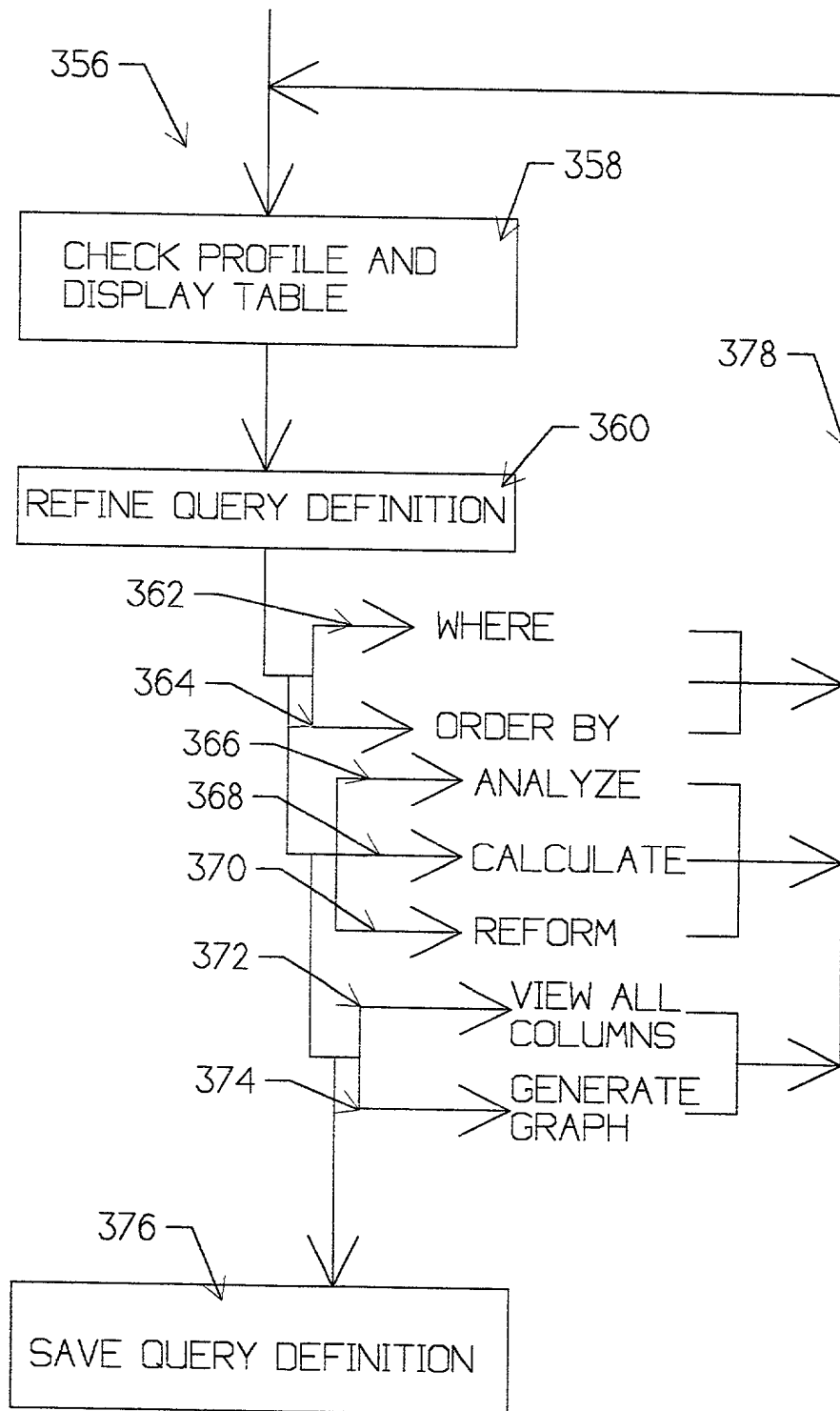


FIG. 12

FIG. 13 is a block diagram of an ICE administration system 380. The system 380 includes an ICE administration module 382, a register databases module 384, an include tables module 386, an include columns module 388, a create profiles module 390, and an allocate profiles module 392. The ICE administration module 382 is connected to the register databases module 384, the include tables module 386, the include columns module 388, the create profiles module 390, and the allocate profiles module 392.

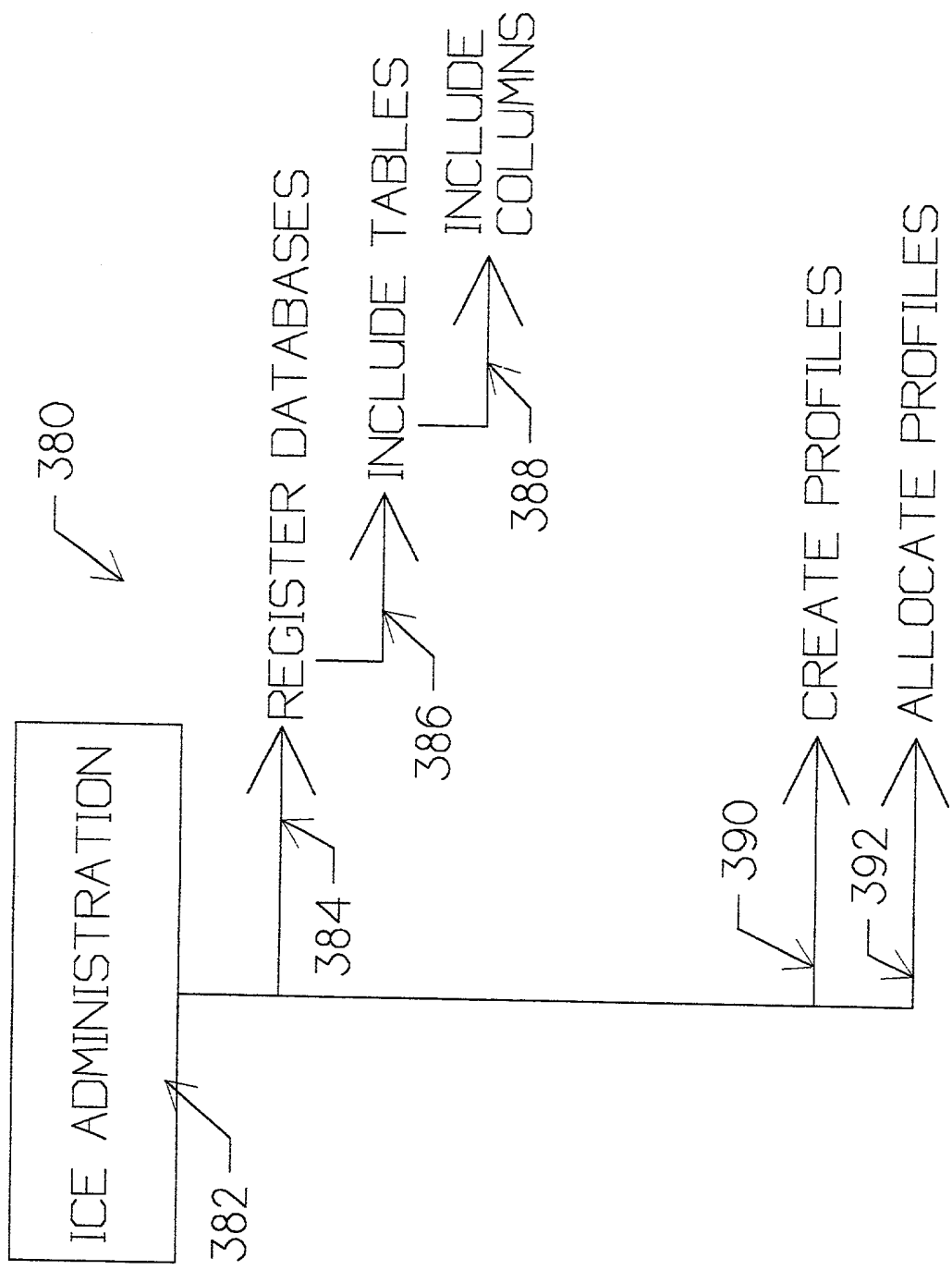


FIG. 13

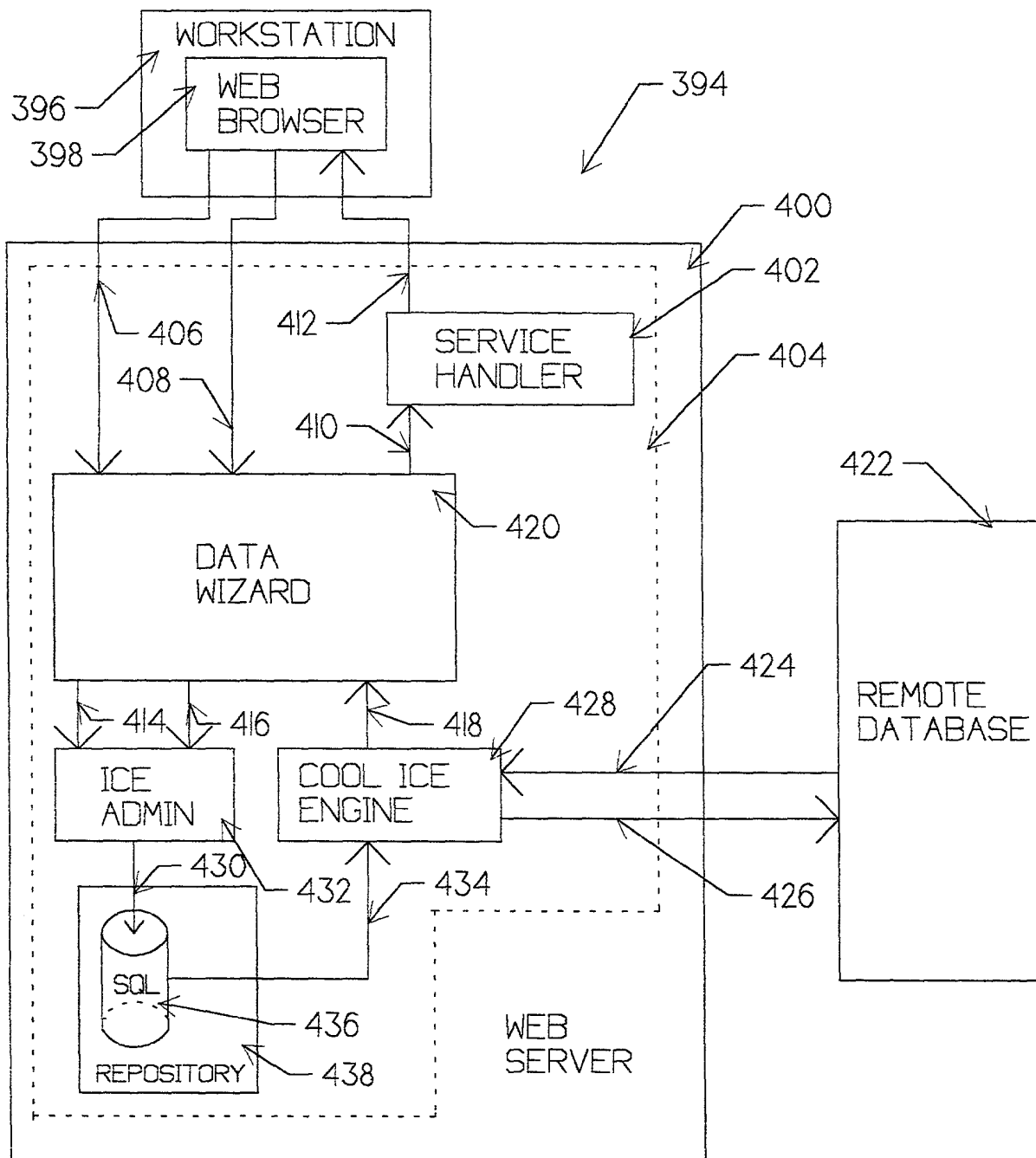


FIG. 14

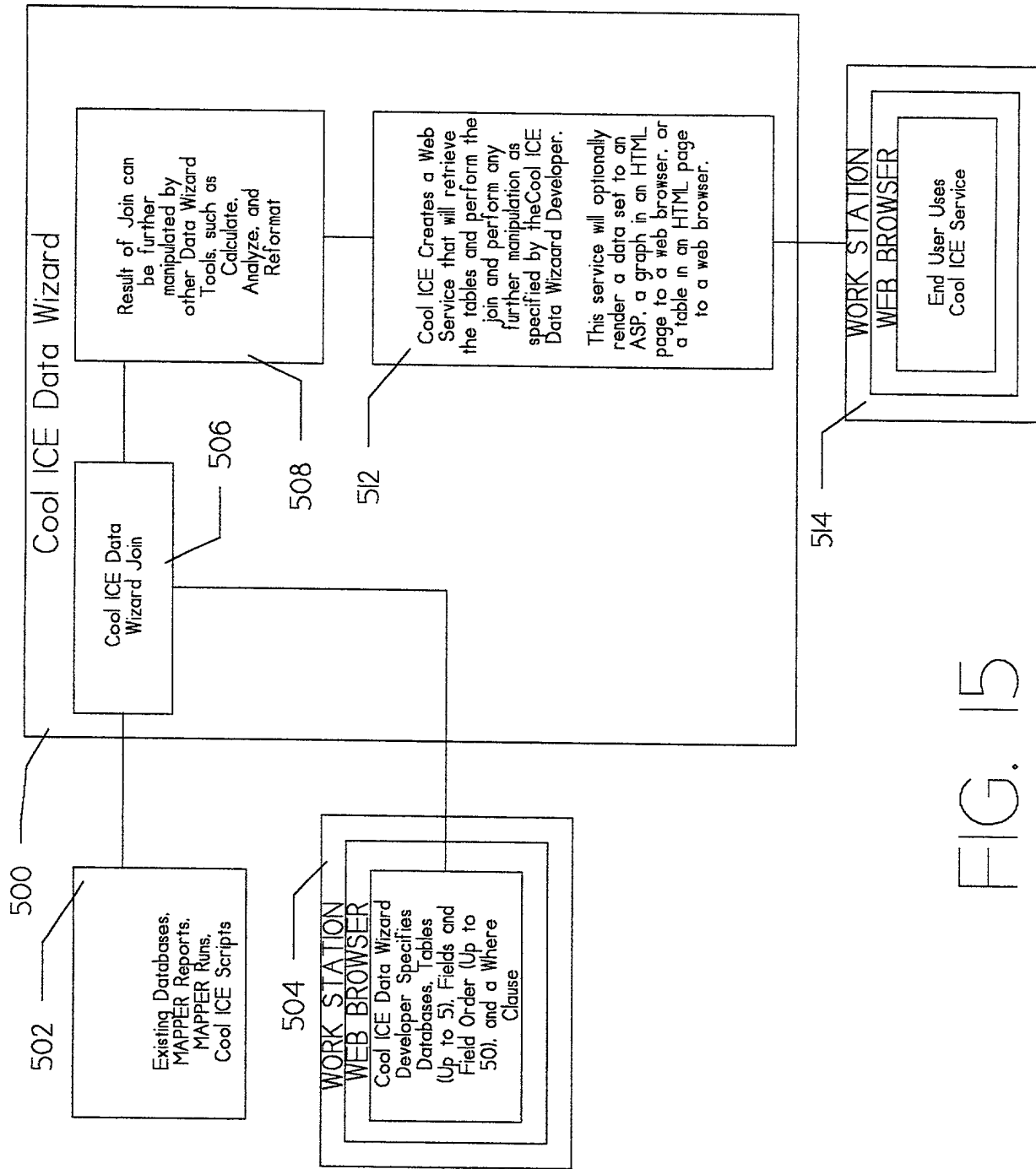
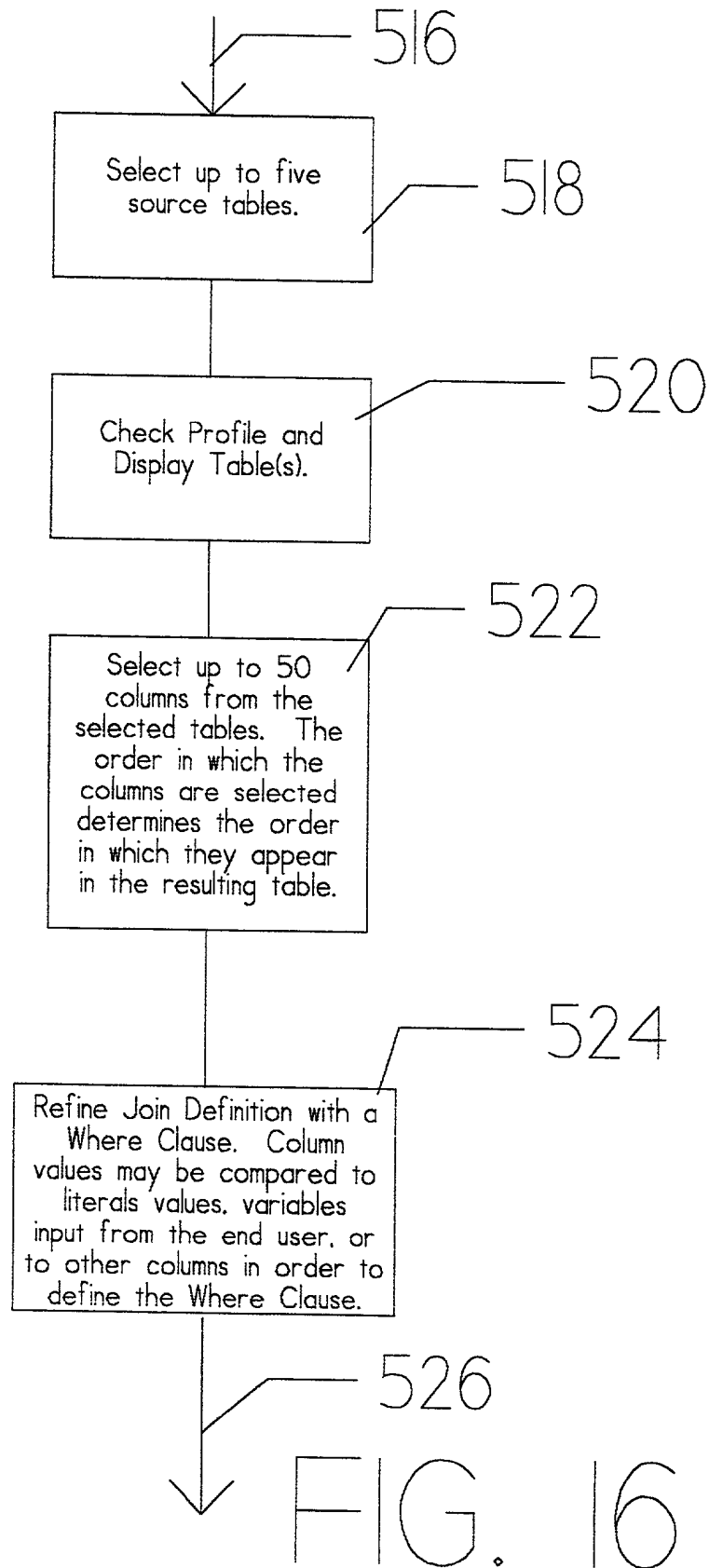
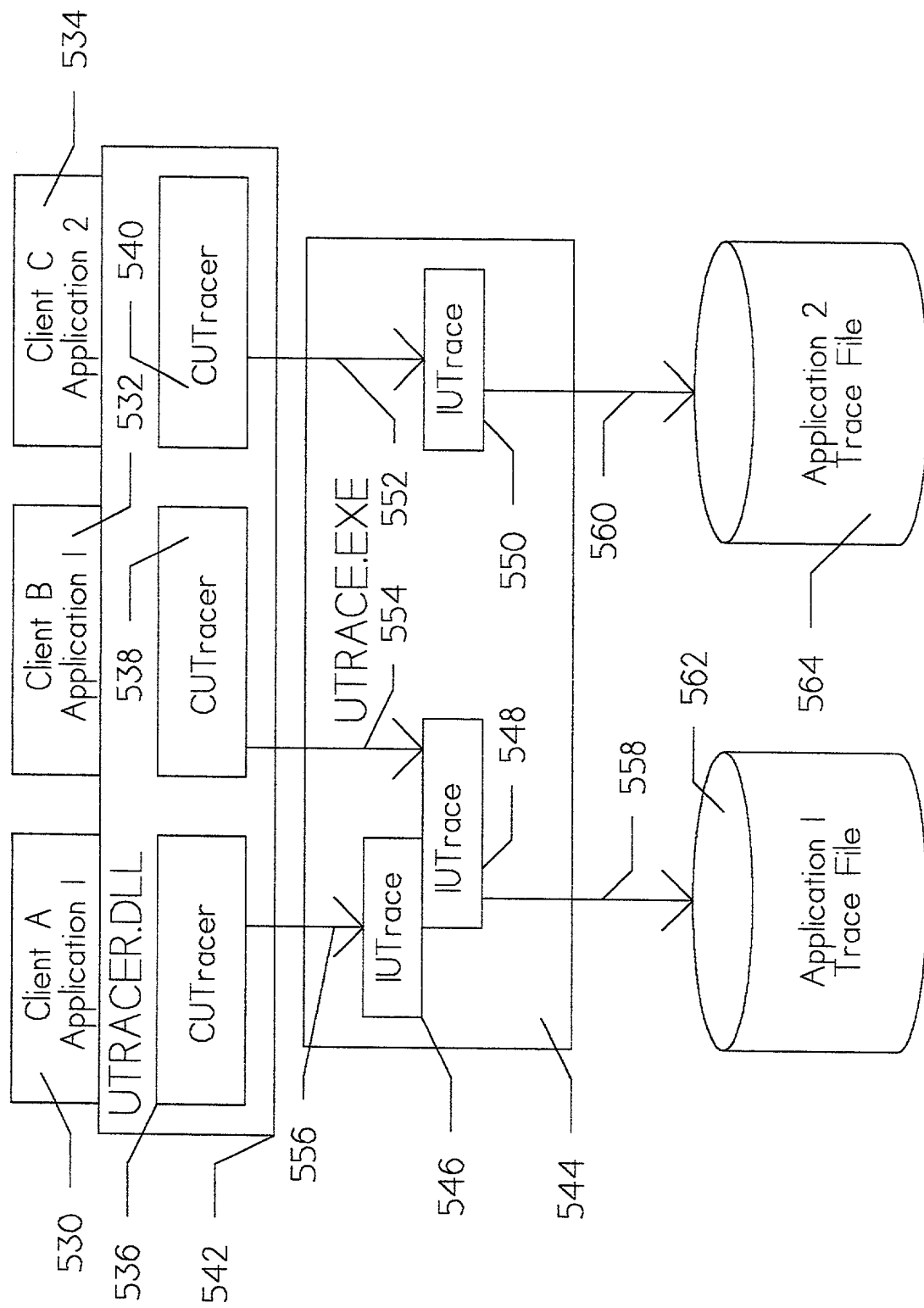


FIG. 15





HKLM\SOFTWARE\UNISYS\UTRACE

APPNAME --- Subkey matching the name of the application

55

ENABLETRACE -- DWORD value indicating a Boolean (1=trace, 0=no trace).

MAXENTRIES --- DWORD value indicating the maximum number of entries in the trace file. If missing, then no upper limit is imposed.

FORMATFLAGS -- DWORD value indicating message formatting flags.

POLICYFLAGS -- DWORD value indicating trace policy flags set for the application.

TRACELEVEL	--	DWORD	value indicating a trace level.	0 = no trace.
TRACELEVEL	--	DWORD	value indicating a trace level.	0 = no trace.

`TRACEPATH` -- String value indicating the directory path for the trace files.

```
REGTRACE
-- A string value containing the HKLM\Software sub key to trace
for this application. Blank or missing for no registry trace.
```

--- A subkey for a specific component of the application.

POLICYFLAGS -- Value indicating component level trace policy flags

TRACELEVEL -- DWORD Value indicating a trace level, 0 = no trace.

VERSIONTRACE--- String value specifying executable component name for version information tracing.

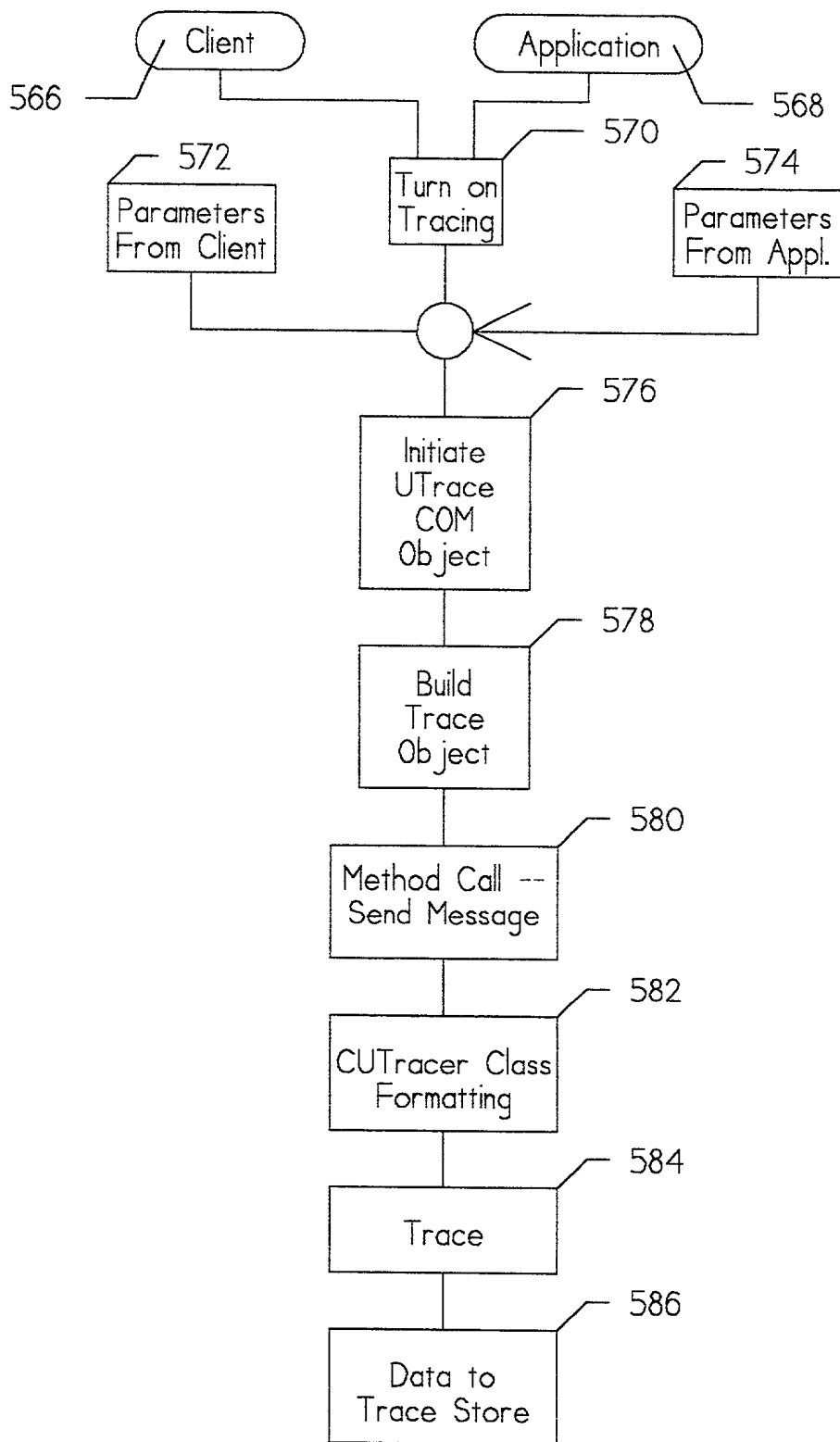


FIG. 19

```

#define CI_TRACE_VERSION      0x1
#define CI_TRACE_ERROR        0x2
#define CI_TRACE_INTERFACE    0x4
#define CI_TRACE_FLOW         0x8
#define CI_TRACE_DETAIL       0x10

```

FIG. 20A

```

if (m_trace.Active(CI_TRACE_DETAIL))
m_trace<<"MY Detailed Trace information"<<Localvariable<<traceit

```

FIG. 20B

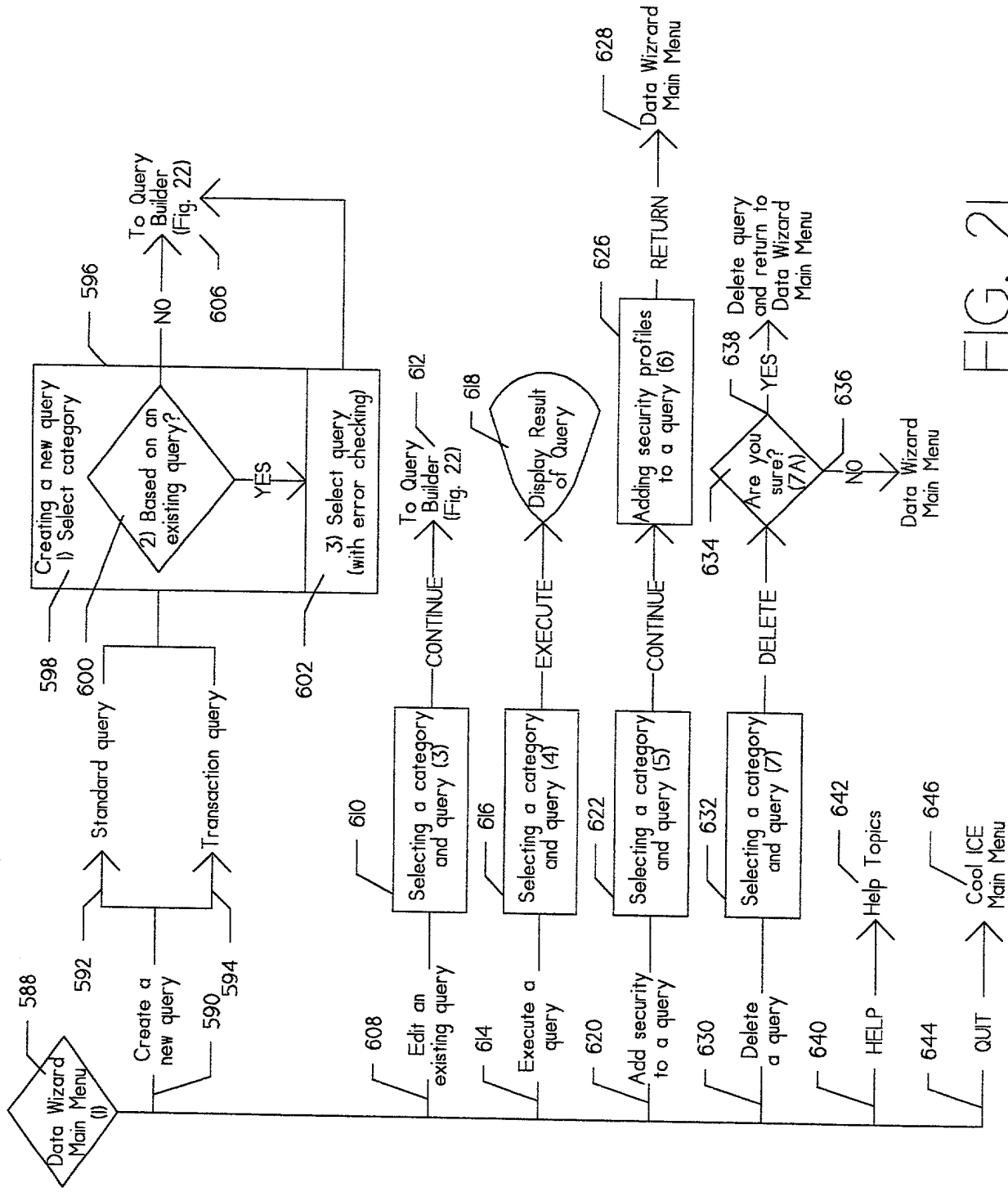


FIG. 21

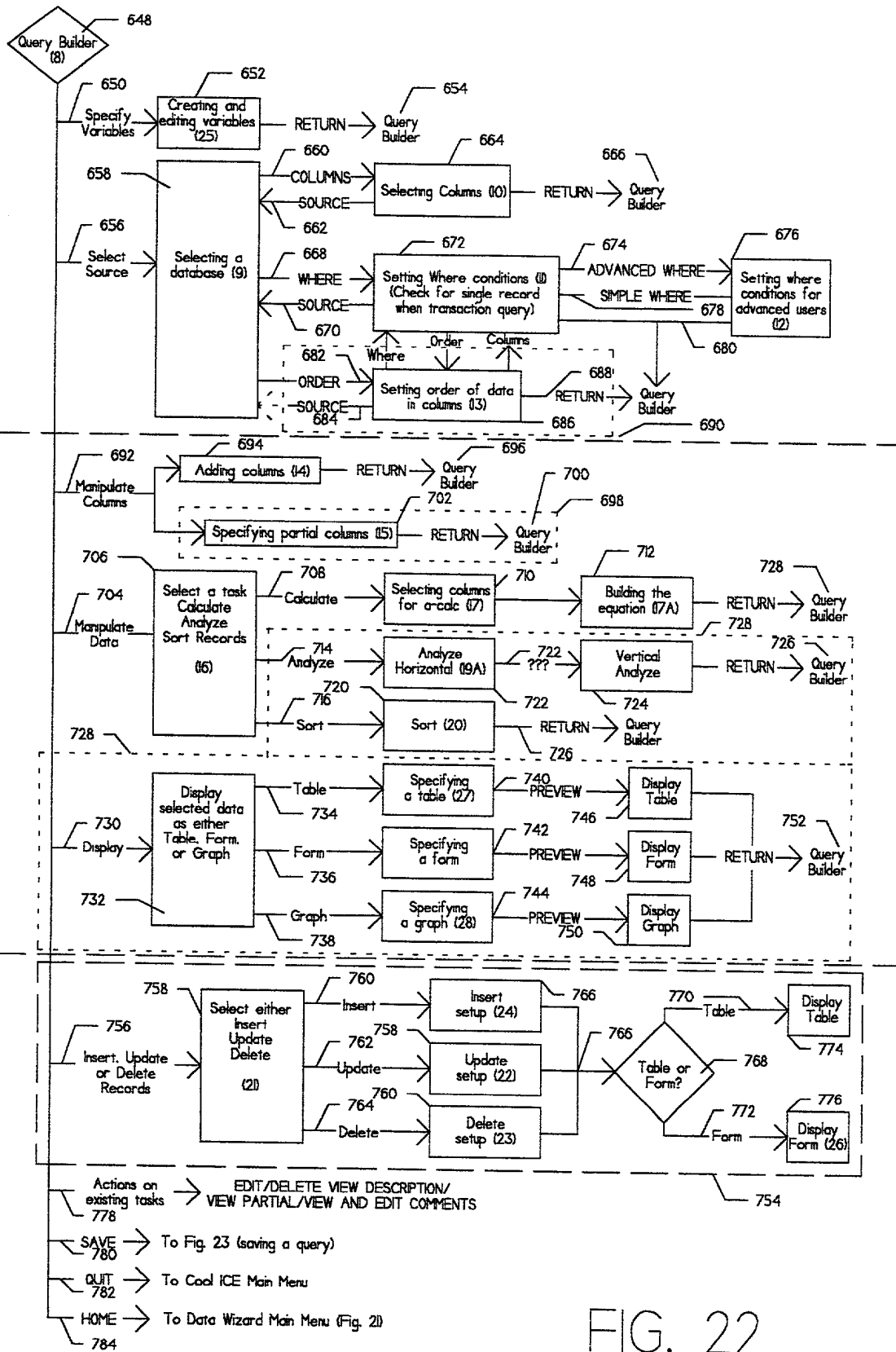


FIG. 22

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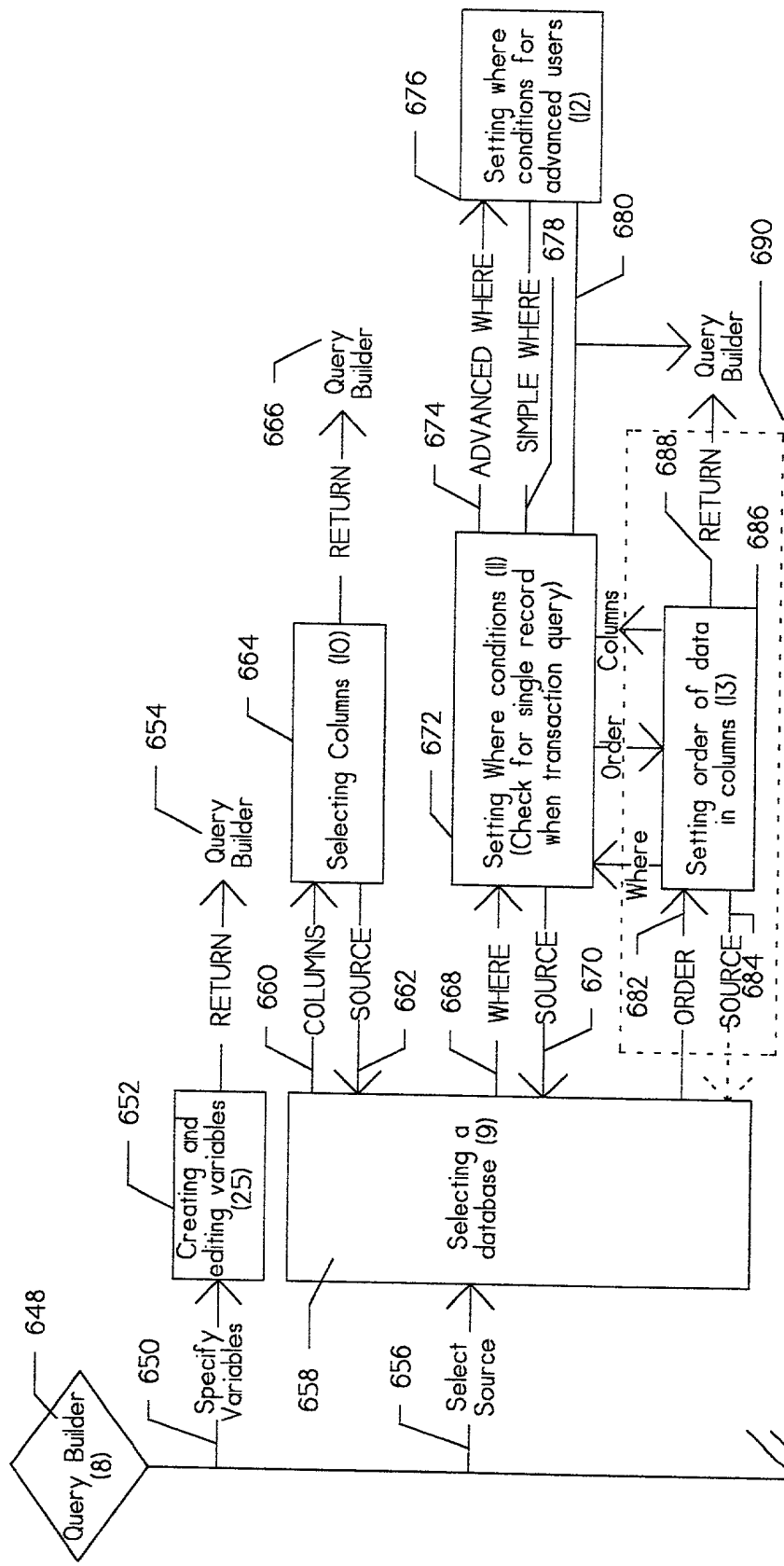
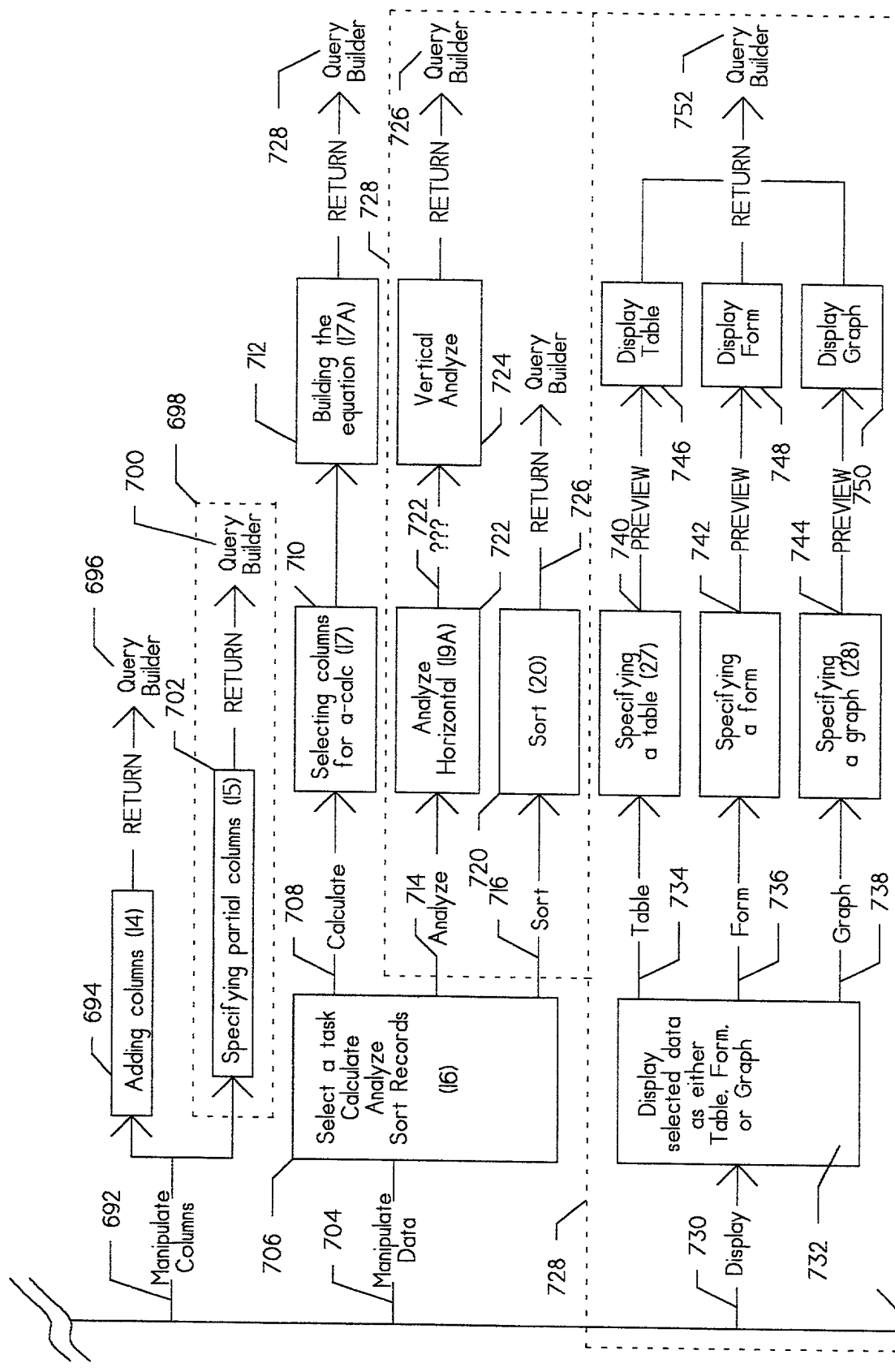


FIG. 22A

B
2
G
E

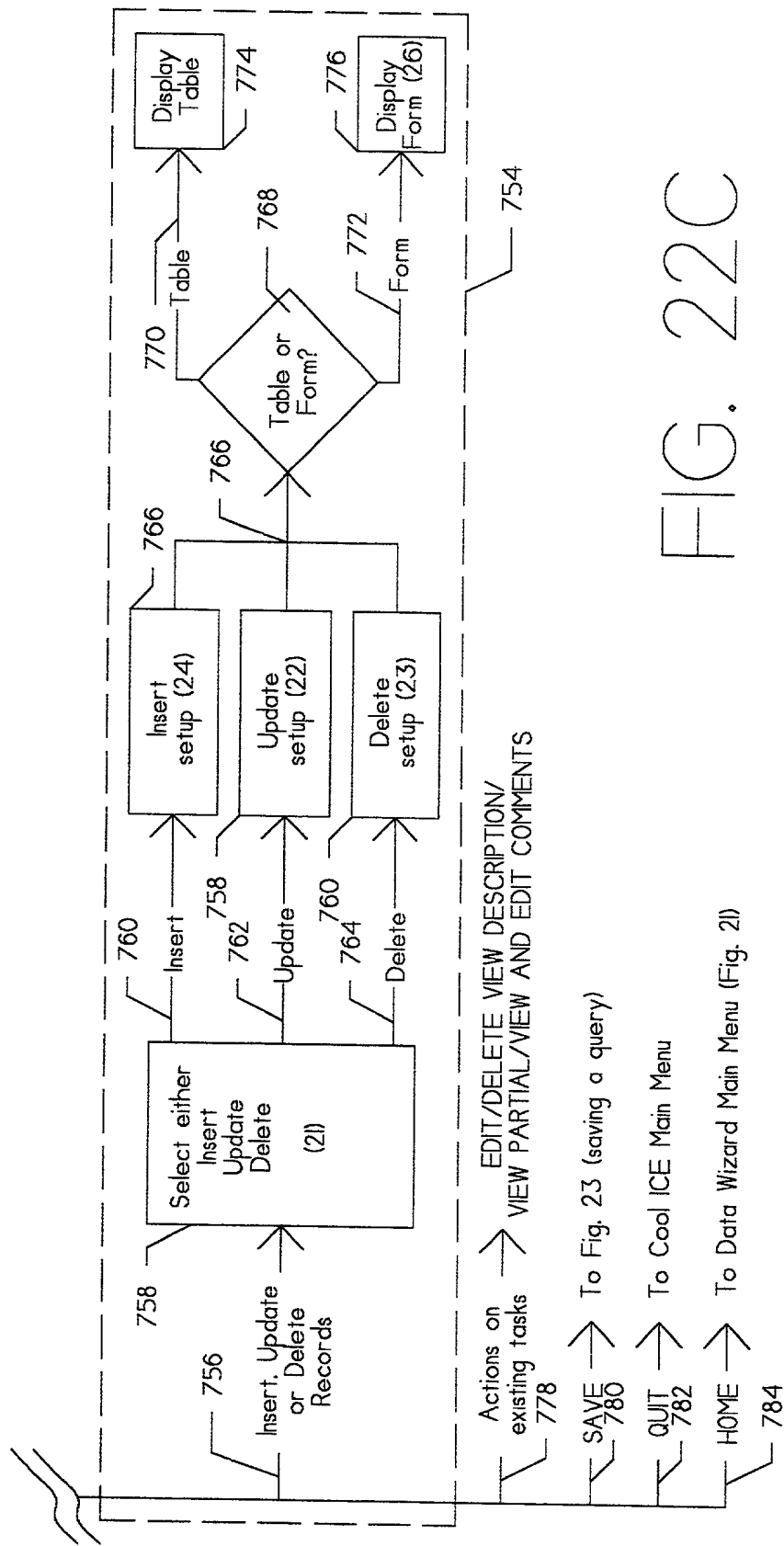


FIG. 22C

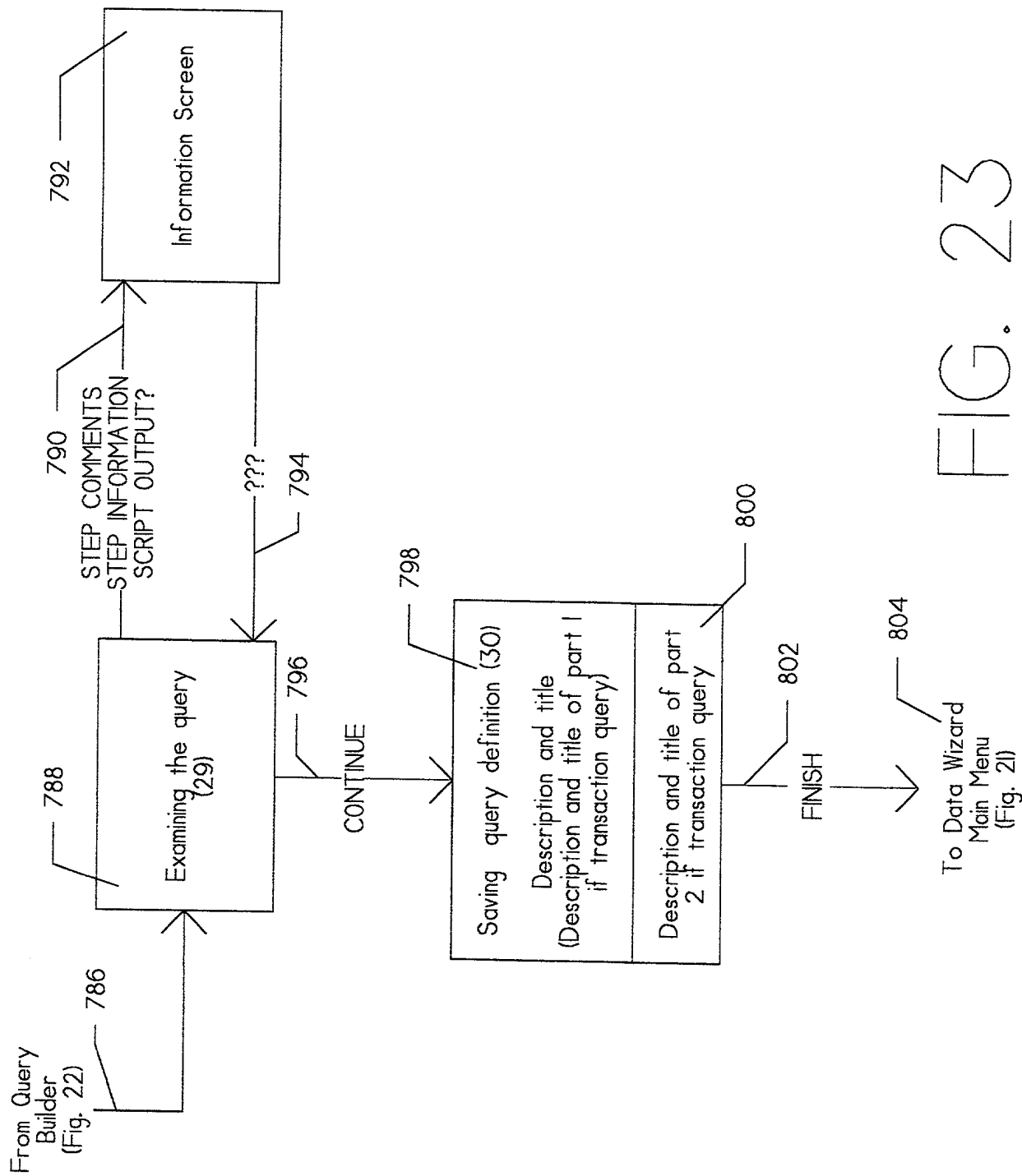


FIG. 24 is a flowchart illustrating the process of creating a new component or editing an existing component.

Data Wizard Home Screen

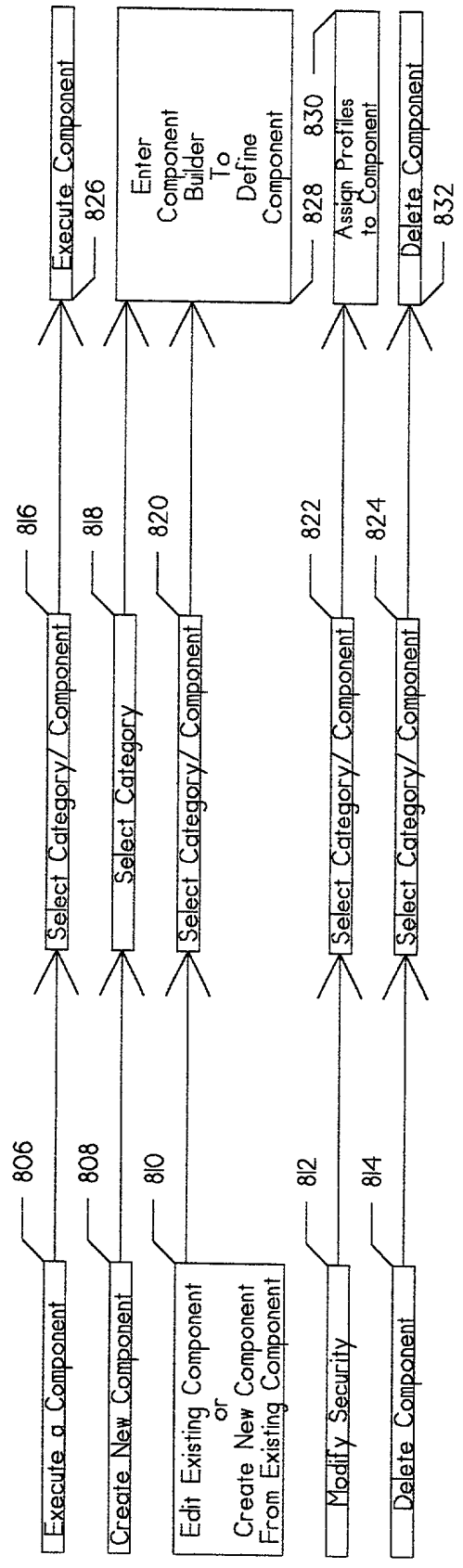


FIG. 24

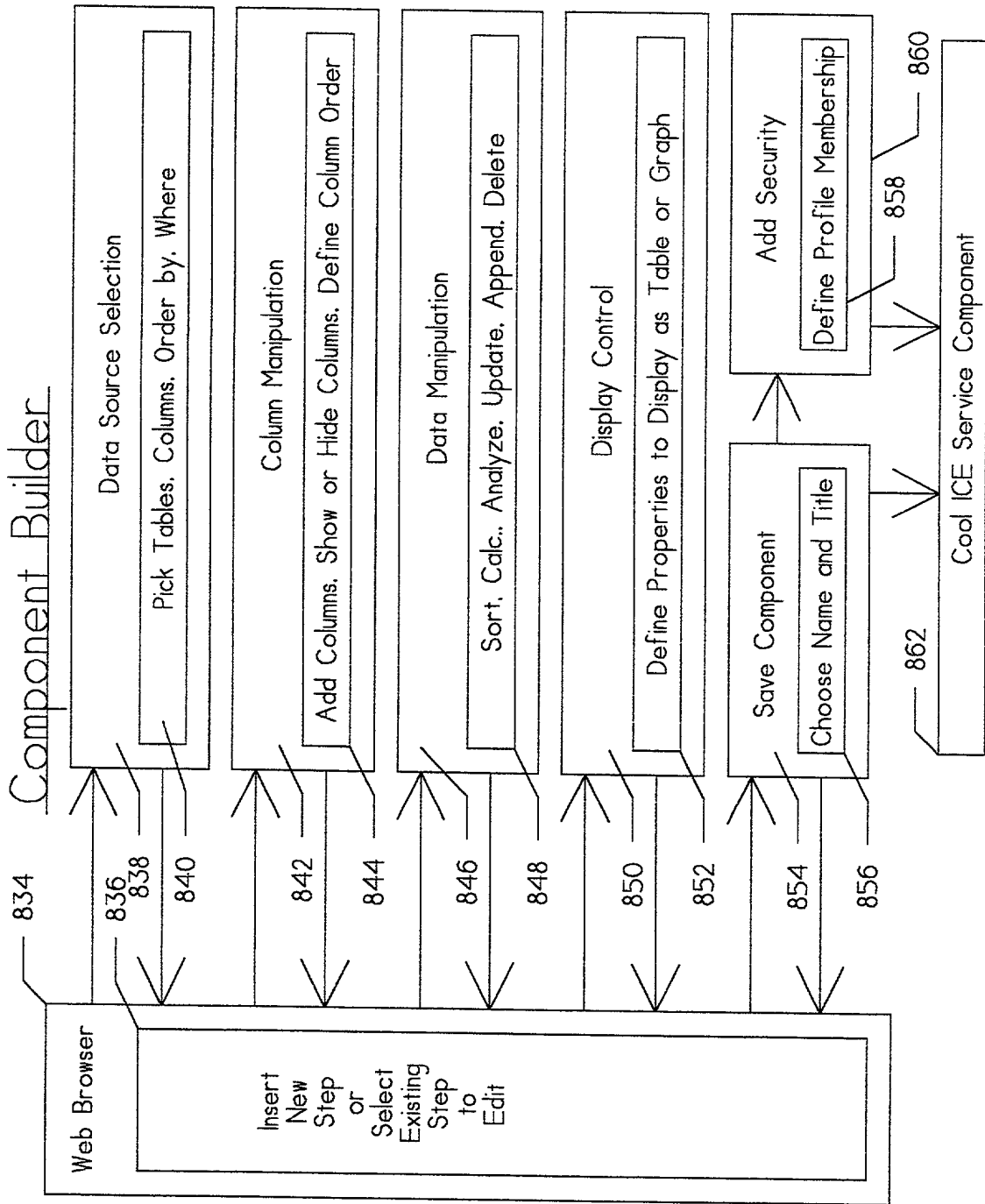


FIG. 25

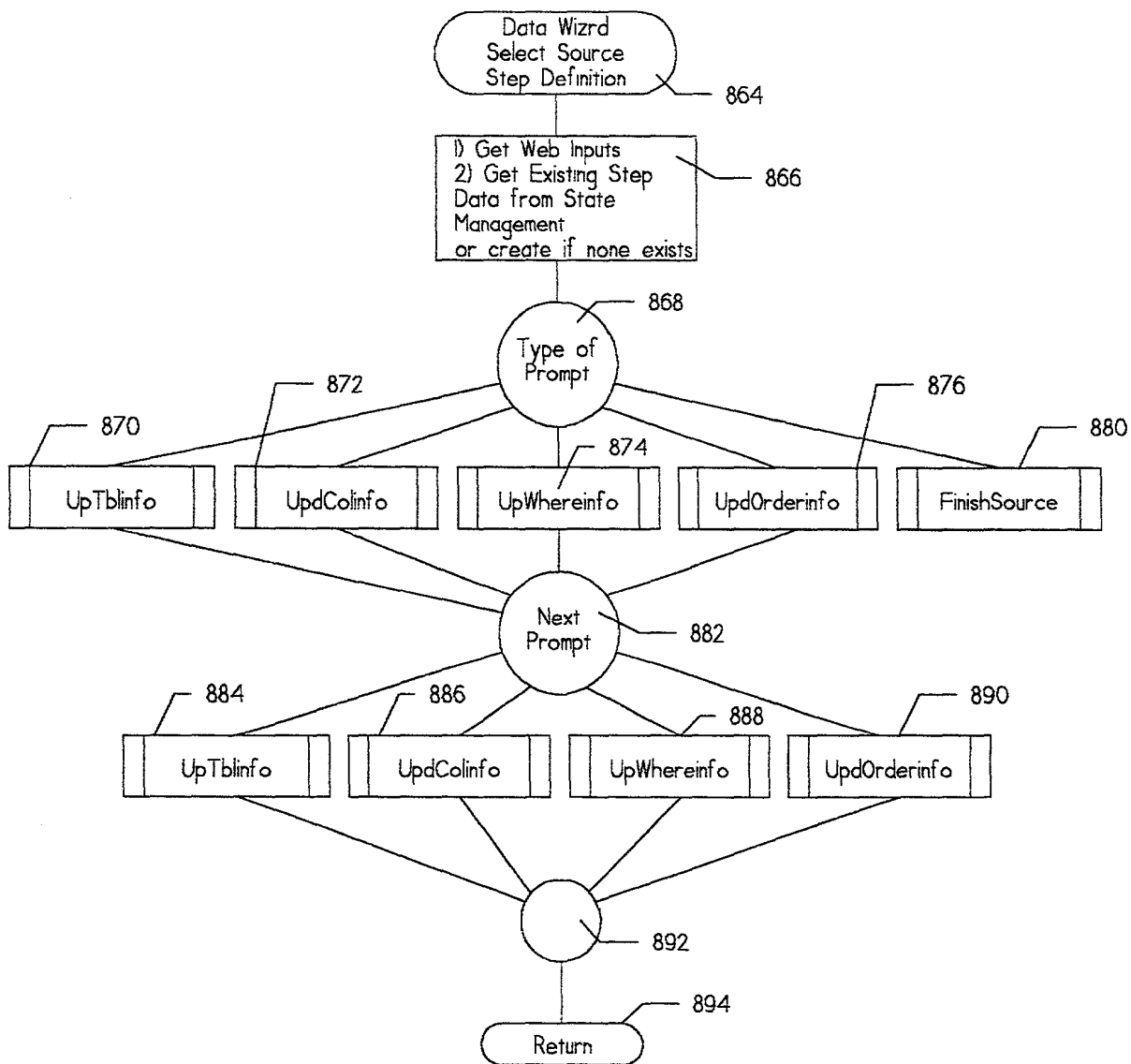


FIG. 26

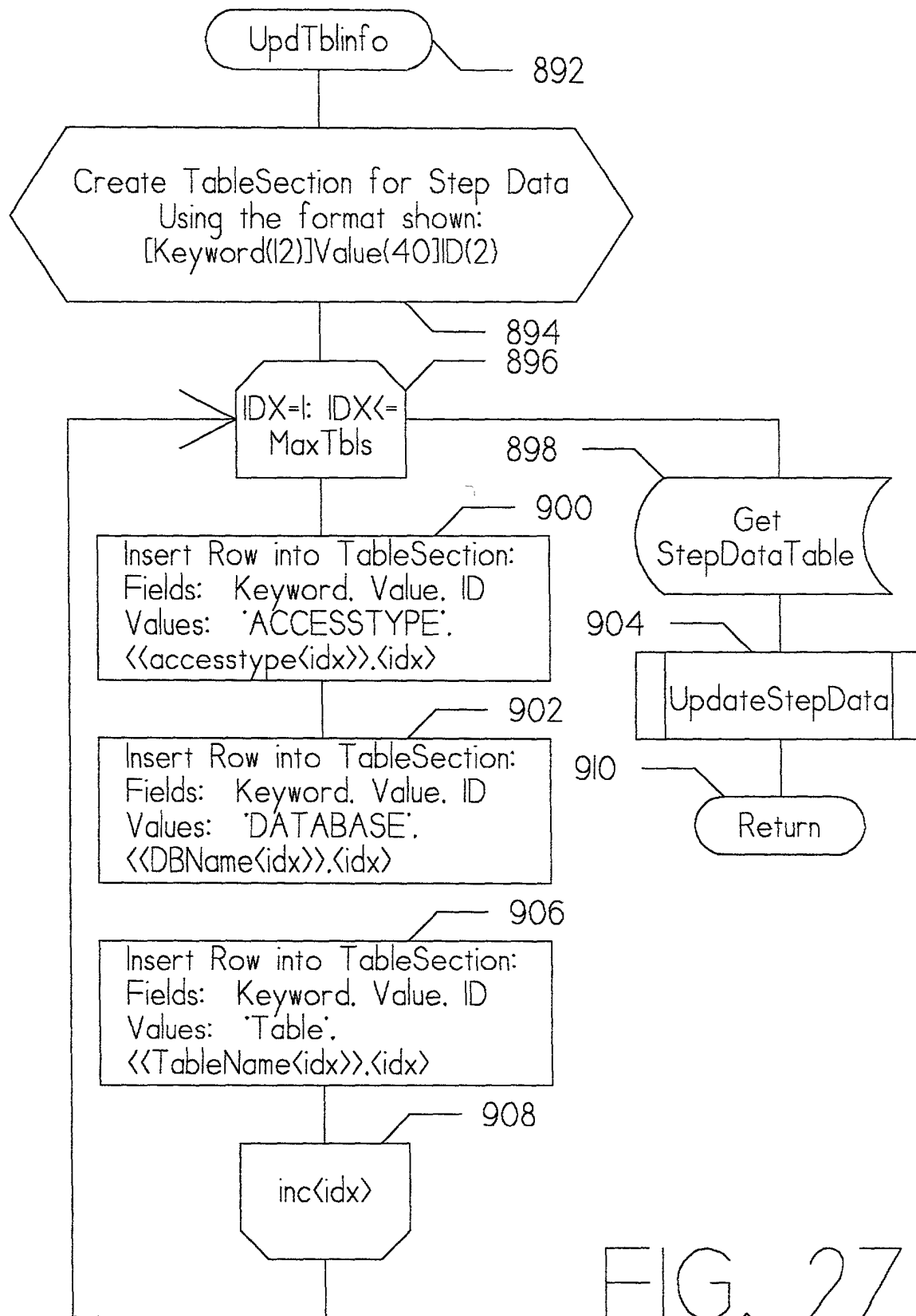


FIG. 27

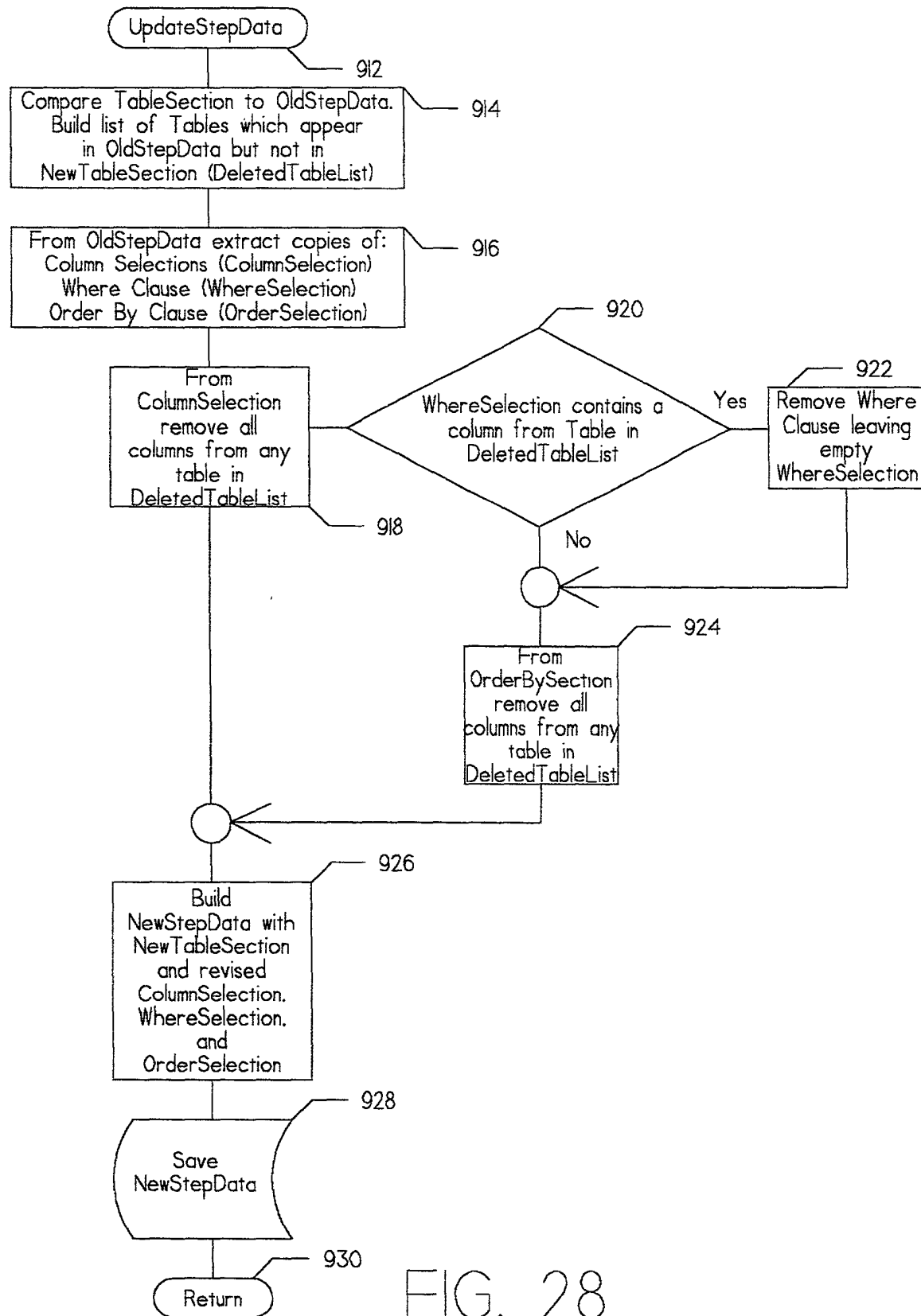


FIG. 28

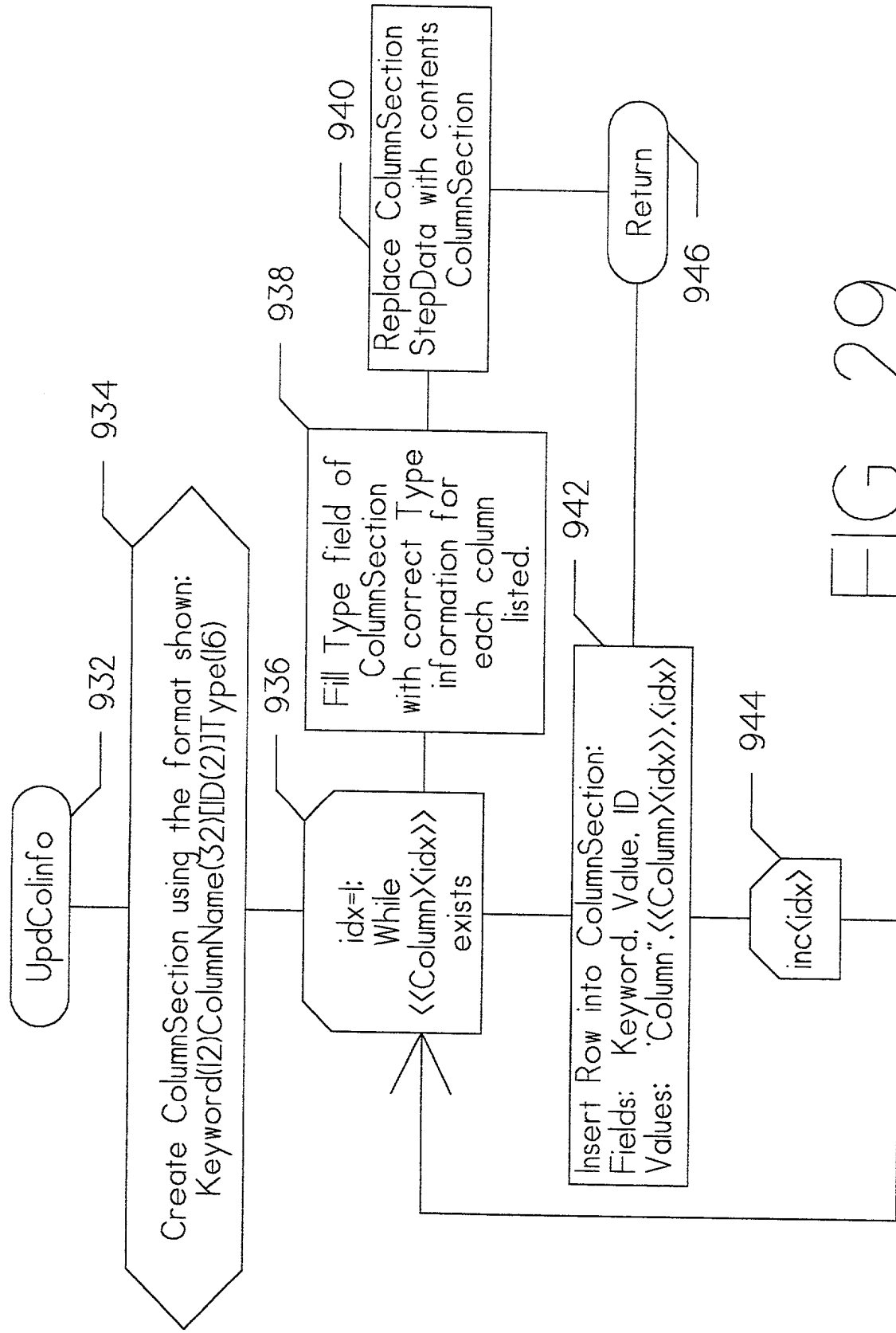


FIG. 29

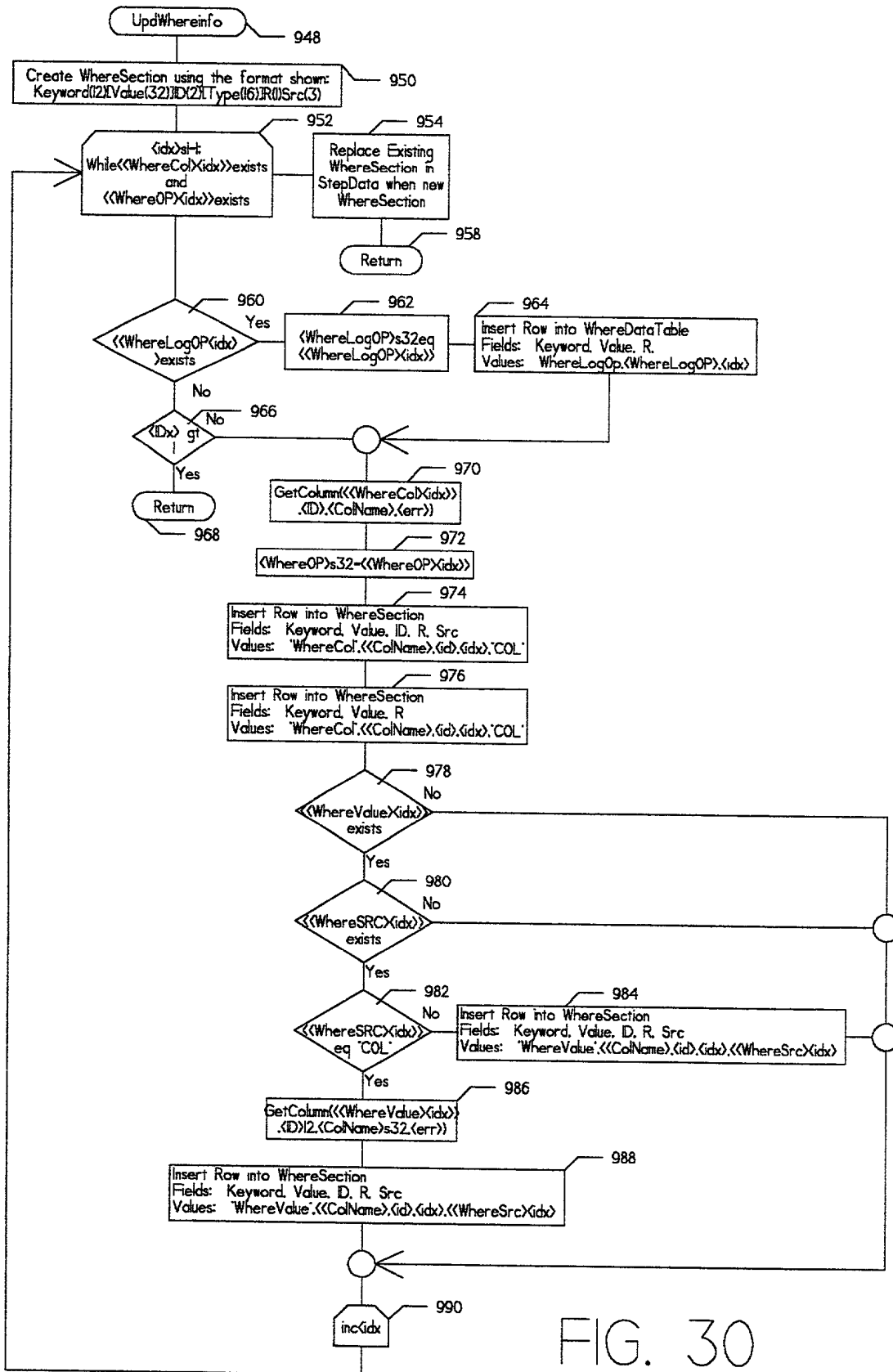
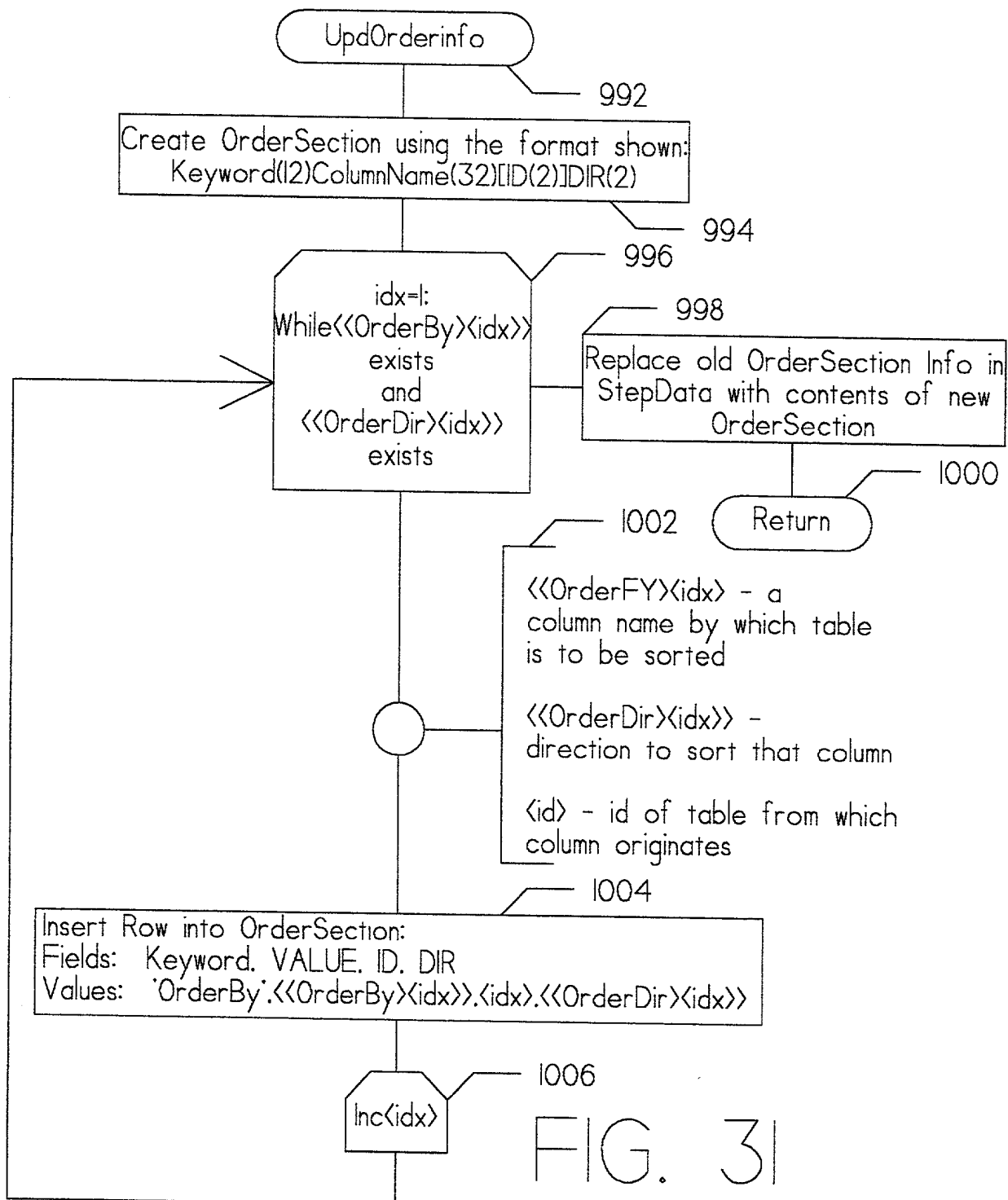
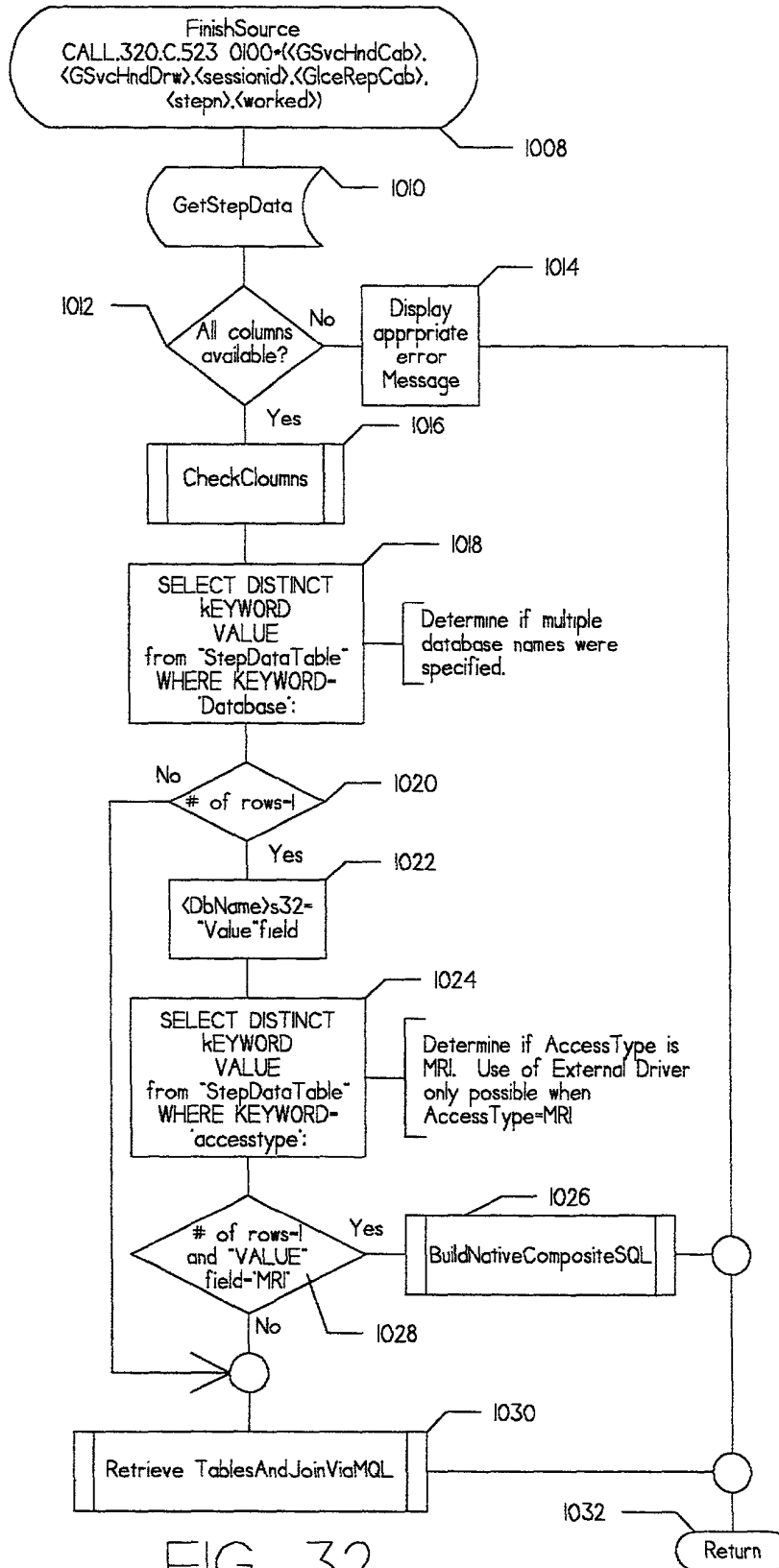


FIG. 30





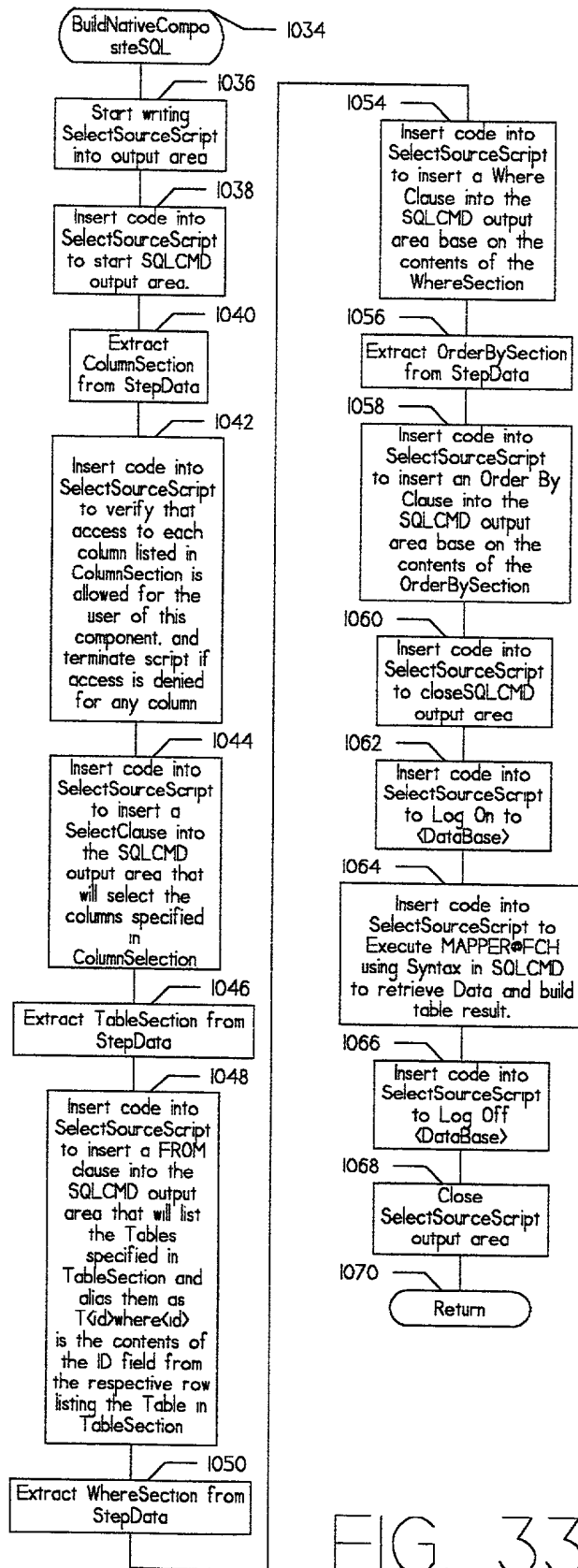


FIG. 33

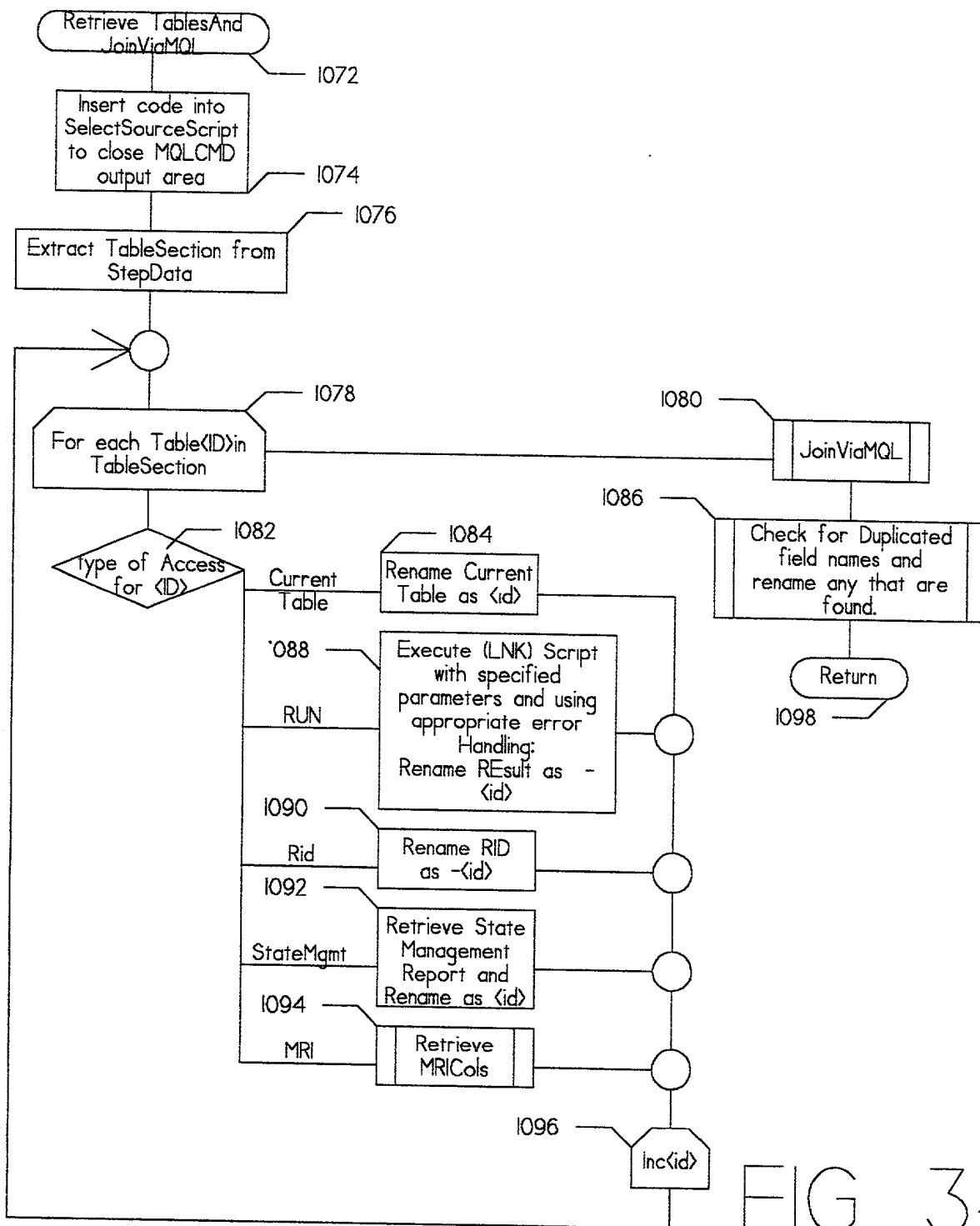


FIG. 34

